# **Supplementary Material**

## Appendix I

CovPall

#### Box S 1 Procedures for CovPall survey

Services were identified and contacted through national and multinational gatekeeper palliative care and hospice organisations (see acknowledgements and supplementary appendix III for details) and asked that their medical or nursing lead, or their nominee, complete an on-line survey available via a link. The email attached the participant information sheet with details of the study rationale, ethical approval, data protection and management, investigators and contacts for further information or concern. No incentives were offered for completion. Completion was taken to indicate informed consent. The CovPall study was presented at relevant on-line meetings and discussed with gatekeeper organisations and in blogs, to inform the methods, questions and to raise awareness and engagement.

We developed and piloted a secure, password-protected web-based data entry portal (in the Research Electronic Data Capture (REDCap) at the study coordinating centre, King's College London. Services could keep their identity hidden if they wished, but most chose to provide an email for contact. Data were anonymised before analysis.

The questionnaire was developed and piloted by the CovPall study team building on an earlier survey of Italian hospices, adding questions on the impact of and response to COVID-19. It was intended to be brief, taking around 30 minutes to complete as we recognised staff were busy, and comprised seven sections: region and responder; Palliative Care (PC)/hospice management and services offered pre-COVID-19; experiences of patients and staff with COVID-19; changes to services overall; changes in specific settings; shortages experienced; symptom management. Free-text explanatory comments were invited in all sections and respondents also indicated whether and how they could be contacted. Respondents could save and complete the questionnaire later if they wished. The questionnaire is available in supplementary appendix II.

The survey opened on April 23rd and closed July 31st 2020. The study coordinating centre replied actively to respondents queries or requests for help.

In most cases, data collection and entry was done electronically via the REDCap link directly by the services without problems, however a few palliative care services had difficulties accessing the online survey due to local

computer procedures. In these instances they were sent the survey in paper format, completed this and returned it to King's to enter this data, or were interviewed over the phone and data entry sheet was completed by the researchers. The research team also audited the data weekly to ensure data entry completeness and sent monthly missing data and incomplete entry reports to the research associates and administrators, and where consent permitted to relevant respondents to check validity.

Table S 1 Characteristics of responding palliative care and hospice services by region

	UK	Rest of	Rest of the	world (n = 95	5)	Total
		Europe				
	(n = 277)	(n = 85)	LIC/LMIC	UMIC	HIC	-
			(n = 17)	(n = 19)	(n = 59)	
Role of respondents (n/N,						
%) <sup>a</sup>						
Medical director/ lead	97/274	42/85	11/17	7/19	26/58	183/453
medical clinician	(35.4%)	(49.4%)	(64.7%)	(36.8%)	(44.8%)	(40.4%)
Nurse director/ lead nurse	69/274	8/85	2/17	2/19	7/58	88/453 (19.4%)
clinician	(25.2%)	(9.4%)	(11.8%)	(10.5%)	(12.1%)	
Other	108/274	35/85	4/17	10/19	25/58	182/453
	(39.4%)	(41.2%)	(23.5%)	(52.6%)	(43.1%)	(40.2%)
Missing	3	-	-	-	1	5 <sup>b</sup>
Management type (n/N,						
%) <sup>a</sup>						
Charitable / non-profit	143/262	23/85	5/17	6/17	14/58	192/440
	(54.6%)	(27.1%)	(29.4%)	(35.3%)	(24.1%)	(43.6%) <sup>c</sup>
Public	103/262	51/85	8/17	6/17	36/58	204/440
	(39.3%)	(60%)	(47.1%)	(35.3%)	(62.1%)	(46.4%) <sup>b</sup>
Private	1/262	9/85	2/17	5/17	2/58(3.4	19/440 (4.3%) <sup>b</sup>
	(0.4%)	(10.6%)	(11.8%)	(29.4%)	%)	
Other	15/262	2/85	2/17	0/17 (0%)	6/58	25/440 (5.7%) <sup>b</sup>
	(5.7%)	(2.4%)	(11.8%)		(10.3%)	
Missing	15	-	-	2	1	18
Type of service (n/N, %)						
Adult only	247/277	68/85	7/17	9/19	40/59	371/458 (81%) <sup>b</sup>
	(89.2%)	(80%)	(41.2%)	(47.4%)	(67.8%)	
Children only	16/277	5/85	0/17 (0%)	3/19	5/59	29/458 (6.3%) <sup>b</sup>
	(5.8%)	(5.9%)	9/17	(15.8%)	(8.5%)	
Both adult and children	11/277	10/85	(52.9%)	7/19	14/59	52/458
	(4%)	(11.8%)		(36.8%)	(23.7%)	(11.4%) <sup>c</sup>

(60.6%) (51.8%) (47.1%) (31.6%) (57.6%)  Hospital PC team 135/277 26/85 9/17 10/19 37/59 217/458  (48.7%) (30.6%) (52.9%) (52.6%) (62.7%) (47.4%) <sup>b</sup> Home PC team 160/277 47/85 10/17 9/19 34/59 261/458 (57%)  (57.8%) (55.3%) (58.8%) (47.4%) (57.6%)  Home nursing 92/277 15/85 1/17 4/19 7/59 119/458 (26%)  (33.2%) (17.6%) (5.9%) (21.1%) (11.9%)  Total 277 85 17 19 59 458 <sup>b</sup>	None indicated	3/277	2/85	1/17	0/19 (0%)	0/59	6/458 (1.3%) <sup>b</sup>
Inpatient PC unit    168/277		(1.1%)	(2.4%)	(5.9%)		(0%)	
(60.6%) (51.8%) (47.1%) (31.6%) (57.6%)  Hospital PC team 135/277 26/85 9/17 10/19 37/59 217/458  (48.7%) (30.6%) (52.9%) (52.6%) (62.7%) (47.4%) <sup>b</sup> Home PC team 160/277 47/85 10/17 9/19 34/59 261/458 (57% (57.8%) (55.3%) (58.8%) (47.4%) (57.6%)  Home nursing 92/277 15/85 1/17 4/19 7/59 119/458 (26% (33.2%) (17.6%) (5.9%) (21.1%) (11.9%)  Total 277 85 17 19 59 458 <sup>b</sup> Setting (n/N, %)  None indicated 3/277 1/85 1/17 0/19 (0%) 0/59 5/458 (1.1%) <sup>c</sup> (1.1%) (1.2%) (5.9%) (0%)  Single setting 110/277 49/85 8/17 11/19 24/59 202/458  (39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%) <sup>b</sup> Multiple settings (2 or more 164/277 35/85 8/17 8/19 35/59 251/458 settings (59.2%) (41.2%) (42.1%) (59.3%) (59.3%) (54.8%) <sup>c</sup> *Munding usually from NHS	Setting (n/N, %)						
Hospital PC team  135/277	Inpatient PC unit	168/277	44/85	8/17	6/19	34/59	261/458 (57%) <sup>c</sup>
Home PC team		(60.6%)	(51.8%)	(47.1%)	(31.6%)	(57.6%)	
Home PC team 160/277 47/85 10/17 9/19 34/59 261/458 (57% (57.8%) (55.3%) (58.8%) (47.4%) (57.6%)  Home nursing 92/277 15/85 1/17 4/19 7/59 119/458 (26% (33.2%) (17.6%) (5.9%) (21.1%) (11.9%)  Total 277 85 17 19 59 4586  Setting (n/N, %)  None indicated 3/277 1/85 1/17 0/19 (0%) 0/59 5/458 (1.1%) (1.1%) (1.2%) (5.9%)  Single setting 110/277 49/85 8/17 11/19 24/59 202/458 (39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%) (41.9%)  Multiple settings (2 or more 164/277 35/85 8/17 8/19 35/59 251/458 settings (59.2%) (41.2%) (47.1) (42.1%) (59.3%) (54.8	Hospital PC team	135/277	26/85	9/17	10/19	37/59	217/458
Home nursing		(48.7%)	(30.6%)	(52.9%)	(52.6%)	(62.7%)	(47.4%) <sup>b</sup>
Home nursing 92/277 15/85 1/17 4/19 7/59 119/458 (26% (33.2%) (17.6%) (5.9%) (21.1%) (11.9%)  Total 277 85 17 19 59 458b  Setting (n/N, %)  None indicated 3/277 1/85 1/17 0/19 (0%) 0/59 5/458 (1.1%)**  (1.1%) (1.2%) (5.9%) (0%)  Single setting 110/277 49/85 8/17 11/19 24/59 202/458 (39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%)**  Multiple settings (2 or more 164/277 35/85 8/17 8/19 35/59 251/458 settings (59.2%) (41.2%) (47.1) (42.1%) (59.3%) (54.8%)**  **Multiple settings usually from NHS**	Home PC team	160/277	47/85	10/17	9/19	34/59	261/458 (57%) <sup>c</sup>
(33.2%) (17.6%) (5.9%) (21.1%) (11.9%)  Total 277 85 17 19 59 458b  Setting (n/N, %)  None indicated 3/277 1/85 1/17 0/19 (0%) 0/59 5/458 (1.1%)b (1.1%) (1.2%) (5.9%) (0%)  Single setting 110/277 49/85 8/17 11/19 24/59 202/458 (39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%)b  Multiple settings (2 or more 164/277 35/85 8/17 8/19 35/59 251/458 settings (59.2%) (41.2%) (47.1) (42.1%) (59.3%) (54.8%)c  % funding usually from NHS		(57.8%)	(55.3%)	(58.8%)	(47.4%)	(57.6%)	
Total         277         85         17         19         59         458b           Setting (n/N, %)         None indicated         3/277         1/85         1/17         0/19 (0%)         0/59         5/458 (1.1%)b           (1.1%)         (1.2%)         (5.9%)         (0%)         (0%)         (0%)           Single setting         110/277         49/85         8/17         11/19         24/59         202/458           (39.7%)         (57.6%)         (47.1%)         (57.9%)         (40.7%)         (44.1%)b           Multiple settings (2 or more settings         164/277         35/85         8/17         8/19         35/59         251/458           settings         (59.2%)         (41.2%)         (47.1)         (42.1%)         (59.3%)         (54.8%)c           % funding usually from NHS         NHS         10/19 (0%)         0/19 (0%)         0/59         5/458 (1.1%)c	Home nursing	92/277	15/85	1/17	4/19	7/59	119/458 (26%) <sup>b</sup>
Setting (n/N, %)       3/277       1/85       1/17       0/19 (0%)       0/59       5/458 (1.1%) <sup>4</sup> None indicated       3/277       1/85       1/17       0/19 (0%)       0/59       5/458 (1.1%) <sup>4</sup> (1.1%)       (1.2%)       (5.9%)       (0%)       (0%)       (0%)         Single setting       110/277       49/85       8/17       11/19       24/59       202/458         (39.7%)       (57.6%)       (47.1%)       (57.9%)       (40.7%)       (44.1%) <sup>6</sup> Multiple settings (2 or more settings       164/277       35/85       8/17       8/19       35/59       251/458         settings       (59.2%)       (41.2%)       (47.1)       (42.1%)       (59.3%)       (54.8%) <sup>6</sup> % funding usually from NHS       (59.2%)       (41.2%)       (47.1)       (42.1%)       (59.3%)       (54.8%) <sup>6</sup>		(33.2%)	(17.6%)	(5.9%)	(21.1%)	(11.9%)	
None indicated 3/277 1/85 1/17 0/19 (0%) 0/59 5/458 (1.1%) <sup>4</sup> (1.1%) (1.2%) (5.9%) (0%)  Single setting 110/277 49/85 8/17 11/19 24/59 202/458 (39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%) <sup>b</sup> Multiple settings (2 or more 164/277 35/85 8/17 8/19 35/59 251/458 settings (59.2%) (41.2%) (47.1) (42.1%) (59.3%) (54.8%) <sup>c</sup> % funding usually from NHS	Total	277	85	17	19	59	458 <sup>b</sup>
(1.1%)	Setting (n/N, %)						
Single setting       110/277       49/85       8/17       11/19       24/59       202/458         (39.7%)       (57.6%)       (47.1%)       (57.9%)       (40.7%)       (44.1%) <sup>b</sup> Multiple settings (2 or more settings       164/277       35/85       8/17       8/19       35/59       251/458         settings       (59.2%)       (41.2%)       (47.1)       (42.1%)       (59.3%)       (54.8%) <sup>c</sup> W funding usually from NHS       NHS       11/19       24/59       202/458       202/458	None indicated	3/277	1/85	1/17	0/19 (0%)	0/59	5/458 (1.1%) <sup>b</sup>
(39.7%) (57.6%) (47.1%) (57.9%) (40.7%) (44.1%) <sup>b</sup> Multiple settings (2 or more settings (2 or more settings (59.2%) (41.2%) (47.1) (42.1%) (59.3%) (54.8%) <sup>c</sup> We funding usually from NHS		(1.1%)	(1.2%)	(5.9%)		(0%)	
Multiple settings (2 or more settings)       164/277       35/85       8/17       8/19       35/59       251/458         settings       (59.2%)       (41.2%)       (47.1)       (42.1%)       (59.3%)       (54.8%)°         % funding usually from NHS       NHS       (42.1%)       (59.3%)       (54.8%)°	Single setting	110/277	49/85	8/17	11/19	24/59	202/458
settings       (59.2%)       (41.2%)       (47.1)       (42.1%)       (59.3%)       (54.8%) <sup>c</sup> % funding usually from NHS       NHS       (47.1)       (42.1%)       (59.3%)       (54.8%) <sup>c</sup>		(39.7%)	(57.6%)	(47.1%)	(57.9%)	(40.7%)	(44.1%) <sup>b</sup>
% funding usually from NHS	Multiple settings (2 or more	164/277	35/85	8/17	8/19	35/59	251/458
NHS	settings	(59.2%)	(41.2%)	(47.1)	(42.1%)	(59.3%)	(54.8%) <sup>c</sup>
	% funding usually from						
Mean (SD)         28.3 (13)         41.4 (35)         20 (34.6)         24.6         34.1         30.1 (20.9)	NHS						
	Mean (SD)	28.3 (13)	41.4 (35)	20 (34.6)	24.6	34.1	30.1 (20.9)
(42.6) (35.3)					(42.6)	(35.3)	
Median (IQR)         25 (20,         31.5 (9.8,         0 (0, 50)         10 (0,         40 (0,         25 (19, 40)	Median (IQR)	25 (20,	31.5 (9.8,	0 (0, 50)	10 (0,	40 (0,	25 (19, 40)
35.5) 70) 56.5) 60)		35.5)	70)		56.5)	60)	
Total 137 22 5 5 11 181 <sup>b</sup>	Total	137	22	5	5	11	181 <sup>b</sup>
Missing 140 63 12 14 48 277	Missing	140	63	12	14	48	277
Level of Integration with	Level of Integration with						
NHS	NHS						
Mean (SD)         74 (16.8)         72.1         55.4         51.9         68.3         71.5 (21)	Mean (SD)	74 (16.8)	72.1	55.4	51.9	68.3	71.5 (21)
(22.7) (31.8) (27.5) (25.3)			(22.7)	(31.8)	(27.5)	(25.3)	
Median (IQR) 76 (63.8, 76.5 (66.3, 59 (28.3, 49 (29, 73 (49.8, 75 (60.8, 87)	Median (IQR)	76 (63.8,	76.5 (66.3,	59 (28.3,	49 (29,	73 (49.8,	75 (60.8, 87)
87) 87) 78.5) 77) 90)		87)	87)	78.5)	77)	90)	

Missing	Total	250	80	16	15	52	414 <sup>b</sup>
Bereavement services   201/265   58/83   13/17   12/17   42/58   327/441	Missing	27	5	1	4	7	44
(n/N, %)**         (75.8%)         (69.9%)         (76.5%)         (70.6%)         (72.4%)         (74.1%)*           Missing         12         2         -         2         1         17           Bereavement services offered only to families/friends of patients who had been cared for by your service (n/N, %)*         (67.8%)         (84.5%)         (84.6%)         (75%)         (61.9%)         (71.1%)*           Missing         78         27         4         7         17         133           Use of a risk assessment tool to help you decide how to target bereavement services (n/N, %)*         (43.4%)         (17.5%)         (30.8%)         (50%)         (31%)         (36.6%)*           Missing         88         28         4         7         17         144           Volunteer roles within service         0         15/17         15/19         30/59         269/458           Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)*           Volunteer roles within service         164/277         31/85         5/17         7/19         30/59         238/458 (52%)*           Indirect patient/family facing support (e.g. reception functions, refr	Information about services of	offered before	COVID-19 pa	ndemic			
Missing         12         2         -         2         1         17           Bereavement services offered only to familles/friends of patients who had been cared for by your service (n/N, %)**         (84.5%)         (84.6%)         (75%)         (61.9%)         (71.1%)*           Missing         78         27         4         7         17         133           Use of a risk assessment tolot to help you decide how to target         (43.4%)         (17.5%)         (30.8%)         (50%)         (31%)         (36.6%)*           bereavement services (n/N, %)**         88         28         4         7         17         144           Volunteer roles within service         166/277         44/85         13/17         15/19         30/59         269/458           home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)         (59.9%)         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)*           Volunteer roles within service         164/277         31/85         5/17         7/19         30/59         238/458 (52%)*           Indirect patient/family facing support (e.g. reception (p.g.	Bereavement services	201/265	58/83	13/17	12/17	42/58	327/441
Bereavement services offered only to (67.8%) 49/58 (11/13 9/12 26/42 231/325 offered only to (67.8%) (84.5%) (84.6%) (75%) (61.9%) (71.1%)° families/friends of patients who had been cared for by your service (n/N, %)° Missing 78 27 4 7 17 133 Use of a risk assessment tool to help you decide (43.4%) (17.5%) (30.8%) (50%) (31%) (36.6%)° how to target bereavement services (n/N, %)° Missing 88 28 4 7 17 144 Volunteer roles within service Direct patient/family facing support (e.g. befriending, 166/277 44/85 13/17 15/19 30/59 269/458 home visits, in-patient unit care, family support groups/visiting etc) (n/N, %) Volunteer roles within service Indirect patient/family facing 164/277 31/85 5/17 7/19 30/59 238/458 (52%)° Support (e.g. reception (59.2%) (36.5%) (29.4%) (36.8%) (50.8%) (50.8%) (50.8%) functions, refreshments, driving/transport etc) (n/N, %)	(n/N, %) <sup>a</sup>	(75.8%)	(69.9%)	(76.5%)	(70.6%)	(72.4%)	(74.1%) <sup>c</sup>
offered only to families/friends of patients who had been cared for by your service (n/N, %)*         (84.5%)         (84.6%)         (75%)         (61.9%)         (71.1%)**           Missing         78         27         4         7         17         133           Use of a risk assessment tool to help you decide how to target         (43.4%)         (17.5%)         (30.8%)         (50%)         (31%)         (36.6%)**           bereavement services (n/N, %)*         Wilssing         88         28         4         7         17         144           Volunteer roles within service         Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)**           Volunteer roles within service         Indirect patient/family facing support (e.g. reception (59.2%)         186/277         31/85         5/17         7/19         30/59         238/458 (52%)**           Volunteer roles within service         Indirect patient/family facing support (e.g. reception (59.2%)         (36.5%)         (29.4%)         (36.8%)         (50.8%)         (50.8%)	Missing	12	2	-	2	1	17
families/friends of patients who had been cared for by your service (n/N, %)**  Missing 78 27 4 7 17 133  Use of a risk assessment 82/189 10/57 4/13 6/12 13/42 115/314 tool to help you decide how to target bereavement services (n/N, %)**  Missing 88 28 4 7 17 17 144  Volunteer roles within service Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)*  Volunteer roles within service Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)  Vignature 164/277 31/85 5/17 7/19 30/59 238/458 (52%)*  (59.2%) (36.5%) (29.4%) (36.8%) (50.8%) (50.8%)	Bereavement services	135/199	49/58	11/13	9/12	26/42	231/325
patients who had been cared for by your service (r/N, %)*  Missing 78 27 4 7 17 133  Use of a risk assessment 82/189 10/57 4/13 6/12 13/42 115/314  tool to help you decide (43.4%) (17.5%) (30.8%) (50%) (31%) (36.6%)*  how to target bereavement services (r/N, %)*  Missing 88 28 4 7 17 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (r/N, %)  Volunteer roles within service  Indirect patient/family facing support (e.g. reception (59.2%) (36.5%) (29.4%) (36.8%) (50.8%) (50.8%)	offered only to	(67.8%)	(84.5%)	(84.6%)	(75%)	(61.9%)	(71.1%) <sup>c</sup>
cared for by your service (n/N, %)²         8         27         4         7         17         133           Use of a risk assessment tool to help you decide how to target bereavement services (n/N, %)²         (43.4%)         (17.5%)         (30.8%)         (50%)         (31%)         (36.6%)²           Missing         88         28         4         7         17         144           Volunteer roles within service         Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)         44/85         13/17         15/19         30/59         269/458           Volunteer roles within service         (59.9%)         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)²           Volunteer roles within service         (50.8%)         (50.8%)         (50.8%)         (58.7%)²         (50.8%)	families/friends of						
(r/N, %)³         78         27         4         7         17         133           Use of a risk assessment tool to help you decide how to target bereavement services (r/N, %)³         (43.4%)         (17.5%)         (30.8%)         (50%)         (31%)         (36.6%)²           Missing         88         28         4         7         17         144           Volunteer roles within service         Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (r/N, %)         166/277         44/85         13/17         15/19         30/59         269/458           Volunteer roles within service         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)²           Volunteer roles within service         (50.8%)         (50.8%)         (50.8%)         (50.8%)         (50.8%)           Indirect patient/family facing support (e.g. reception (59.2%)         (36.5%)         (29.4%)         (36.8%)         (50.8%)         (50.8%)           Volunteer roles within service         (50.8%)         (50.8%)         (50.8%)         (50.8%)         (50.8%)	patients who had been						
Missing 78 27 4 7 17 133  Use of a risk assessment tool to help you decide (43.4%) (17.5%) (30.8%) (50%) (31%) (36.6%) <sup>b</sup> how to target bereavement services (n/N, %) <sup>a</sup> Missing 88 28 4 7 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)  Missing 88 28 4 7 17 17 144  Volunteer roles within service (59.9%) (51.8%) (76.5%) (78.9%) (50.8%) (50.8%) (58.7%) <sup>c</sup> 28/458 (52%) <sup>c</sup> 184/277 31/85 5/17 7/19 30/59 238/458 (52%) <sup>c</sup> 184/277 31/85 5/17 7/19 30/59 238/458 (52%) <sup>c</sup> 184/277 31/85 5/17 7/19 30/59 238/458 (52%) <sup>c</sup>	cared for by your service						
Use of a risk assessment tool to help you decide (43.4%) (17.5%) (30.8%) (50%) (31%) (36.6%) <sup>b</sup> (36.6%) <sup>b</sup> (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) <sup>c</sup> (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) (36.8%) (36.8%)	(n/N, %) <sup>a</sup>						
tool to help you decide how to target bereavement services (n/N, %)**  Missing 88 28 4 7 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit groups/visiting etc) (n/N, %)  Volunteer roles within service  Direct patient/family facing support (59.9%) (51.8%) (76.5%) (78.9%) (50.8%) (58.7%)*  Volunteer roles within service  Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)	Missing	78	27	4	7	17	133
how to target bereavement services (n/N, %)**  Missing  88  28  4  7  17  144   Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (59.9%)  164/277  31/85  5/17  7/19  30/59  238/458 (52%)**  support (e.g. reception (59.2%)  (59.2%)  (36.5%)  (29.4%)  (36.8%)  (50.8%)	Use of a risk assessment	82/189	10/57	4/13	6/12	13/42	115/314
bereavement services (n/N, %)**  Missing 88 28 4 7 17 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (59.2%) (36.5%) (29.4%) (36.8%) (50.8%)  Indirect patient/family facing support (29.4%) (36.8%) (50.8%) (50.8%)	tool to help you decide	(43.4%)	(17.5%)	(30.8%)	(50%)	(31%)	(36.6%) <sup>b</sup>
Missing 88 28 4 7 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)  88 28 4 7 17 17 144  7 15/19 30/59 269/458  15/17 (76.5%) (78.9%) (50.8%) (58.7%)°  16/277 31/85 5/17 7/19 30/59 238/458 (52%)°  (36.5%) (29.4%) (36.8%) (50.8%)	how to target						
Missing 88 28 4 7 17 144  Volunteer roles within service  Direct patient/family facing support (e.g. befriending, home visits, in-patient unit groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)  88 28 4 7 7 17 144  7 15/19 30/59 269/458  (76.5%) (78.9%) (50.8%) (50.8%) (58.7%)°  77.59 269/458  77.59 269/458  77.59 269/458  78.9%) (50.8%) (50.8%) (50.8%) (50.8%)	bereavement services						
Volunteer roles within service  Direct patient/family facing support (e.g. befriending, 166/277 44/85 13/17 15/19 30/59 269/458 home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service  Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)	(n/N, %) <sup>a</sup>						
service         Direct patient/family facing         166/277         44/85         13/17         15/19         30/59         269/458           home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)         (59.9%)         (51.8%)         (76.5%)         (78.9%)         (50.8%)         (58.7%)°           Volunteer roles within service         Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N,         (59.2%)         (36.5%)         (29.4%)         (36.8%)         (50.8%)	Missing	88	28	4	7	17	144
Direct patient/family facing support (e.g. befriending, home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)    Value   Val	Volunteer roles within						
support (e.g. befriending, home visits, in-patient unit care, family support       166/277       44/85       13/17       15/19       30/59       269/458         Volunteer roles within service       Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N,       164/277       31/85       5/17       7/19       30/59       238/458 (52%)°	service						
home visits, in-patient unit care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N, %)  (59.9%)  (51.8%)  (76.5%)  (78.9%)  (79.8%)  (79	Direct patient/family facing						
care, family support groups/visiting etc) (n/N, %)  Volunteer roles within service Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N,	support (e.g. befriending,	166/277	44/85	13/17	15/19	30/59	269/458
groups/visiting etc) (n/N, %)         Volunteer roles within         Volunteer roles	home visits, in-patient unit	(59.9%)	(51.8%)	(76.5%)	(78.9%)	(50.8%)	(58.7%) <sup>c</sup>
Volunteer roles within service         5/17         7/19         30/59         238/458 (52%)°           Indirect patient/family facing support (e.g. reception functions, refreshments, driving/transport etc) (n/N,         (59.2%)         (36.5%)         (29.4%)         (36.8%)         (50.8%)	care, family support						
service         Indirect patient/family facing         164/277         31/85         5/17         7/19         30/59         238/458 (52%)°           support (e.g. reception functions, refreshments, driving/transport etc) (n/N,         (59.2%)         (36.5%)         (29.4%)         (36.8%)         (50.8%)	groups/visiting etc) (n/N, %)						
Indirect patient/family facing 164/277 31/85 5/17 7/19 30/59 238/458 (52%) <sup>c</sup> support (e.g. reception functions, refreshments, driving/transport etc) (n/N,	Volunteer roles within						
support (e.g. reception (59.2%) (36.5%) (29.4%) (36.8%) (50.8%) driving/transport etc) (n/N,	service						
functions, refreshments, driving/transport etc) (n/N,	Indirect patient/family facing	164/277	31/85	5/17	7/19	30/59	238/458 (52%) <sup>c</sup>
driving/transport etc) (n/N,	support (e.g. reception	(59.2%)	(36.5%)	(29.4%)	(36.8%)	(50.8%)	
	functions, refreshments,						
%)	driving/transport etc) (n/N,						
	%)						

Volunteer roles within						
service						
Back office functions (e.g.	162/277	28/85	5/17	5/19	21/59	222/458
finance support,	(58.5%)	(32.9%)	(29.4%)	(26.3%)	(35.6%)	(48.5%) <sup>c</sup>
maintenance, gardening						
etc) (n/N, %)						
Volunteer roles within						
service	153/277	26/85	3/17	4/19	22/59	209/458
Fundraising functions (e.g.	(55.2%)	(30.6%)	(17.6%)	(21.1%)	(37.3%)	(45.6%) <sup>c</sup>
shop volunteers, lottery etc)						
(n/N, %)						
Volunteer roles within						
service	34/277	5/85	0/17 (0%)	3/19	9/59	51/458
Other (n/N, %)	(12.3%)	(5.9%)		(15.8%)	(15.3%)	(11.1%) <sup>b</sup>
Use of remote						
consultations to help						
support patient care or						
education before COVID-	56/277	29/85	7/17	9/19	24/59	125/458
19	(20.2%)	(34.1%)	(41.2%)	(47.4%)	(40.7%)	(27.3%) <sup>b</sup>
Telephone support for						
education (n/N, %)						
Use of remote						
consultations to help						
support patient care or						
education before COVID-	179/277	54/85	13/17	11/19	45/59	303/458
19	(64.6%)	(63.5%)	(76.5%)	(57.9%)	(76.3%)	(66.2%) <sup>c</sup>
Telephone support for						
clinical care (n/N, %)						
Use of remote						
consultations to help						
support patient care or						
education before COVID-	88/277	11/85	1/17	6/19	21/59	127/458
19	(31.8%)	(12.9%)	(5.9%)	(31.6%)	(35.6%)	(27.7%) <sup>b</sup>
	<u> </u>	<u> </u>				

Telehealth/video support/e-						
learning for education (n/N,						
%)						
Use of remote						
consultations to help						
support patient care or						
education before COVID-	54/277	11/85	4/17	4/19	26/59	99/458
19	(19.5%)	(12.9%)	(23.5%)	(21.1%)	(44.1%)	(21.6%) <sup>b</sup>
Telehealth/ video support/e-						
learning for clinical care						
(n/N, %)						
Number of beds in in-						
patient hospice/palliative						
care unit						
Mean (SD)	16.3 (9.3)	20.5	138.4	20.7	45.5	24.6 (87.8)
		(31.5)	(348.5)	(17.7)	(171.8)	
Median (IQR)	14.5 (10,	10.5 (8,	11 (6.3,	14.5	11 (8,	14 (10, 20)
	20)	19.5)	42.5)	(12.3,	20.5)	
				27.5)		
Total	166	44	8	6	33	258 <sup>b</sup>
Missing	111	41	9	13	26	200
Approximate number of						
new patients seen						
annually in in-patient						
palliative care unit						
Mean (SD)	348.5	265.6	2756.9	185.5	245.6	397.8 (1313)
	(292.1)	(257.1)	(6970)	(288.8)	(197.9)	
Median (IQR)	300 (200,	200	395 (87.5,	50 (38.7,	200 (80,	285 (177, 400)
	400)	(112.5,	500)	400)	350)	
		328)				
Total	146	44	8	5	31	235 <sup>b</sup>
Missing	131	41	9	14	28	223

Approximate number of						
new patients seen						
annually by hospital						
palliative care team						
Mean (SD)	1131	504.4	2228	268.5	784.1	995.1 (1415.7)
	(950.4)	(419.9)	(3884)	(292)	(2003.6)	
Median (IQR)	950 (470,	475 (97.5,	300 (31,	165 (72.5,	300	700 (200,
	1677.5)	812.5)	4455)	425)	(100,	1200)
					700)	
Total	120	26	9	10	35	200
Missing	157	59	8	9	24	258 <sup>b</sup>
Hospital palliative care						
team supported (n/N, %)						
Acute hospital	127/135	26/26	7/9	9/10	30/37	199/217
	(94.1%)	(100%)	(77.8%)	(90%)	(81.1%)	(91.7%)
Community hospital	34/135	8/26	4/9	3/10	15/37	64/217 (29.5%)
	(25.2%)	(30.8%)	(44.4%)	(30%)	(40.5%)	
Hospital palliative care						
team offered 24 hour	101/135	12/26	7/9	8/10	28/37	156/217
support for patients (n/N,	(74.8%)	(46.2%)	(77.8%)	(80%)	(75.7%)	(71.9%)
%)						
Approximate number of						
new patients seen						
annually by home						
palliative care team						
Mean (SD)	947.5	454	748	456.3	489.4	761.6 (819.8)
	(756.9)	(576.6)	(1618.4)	(573.5)	(949.4)	
Median (IQR)	775 (363,	300 (100,	100 (50,	175 (62.5,	175	545 (170,
	1400)	550)	612.5)	750)	(63.8,	1062.3)
					400)	
Total	139	47	9	8	32	236 <sup>b</sup>
Missing	138	38	8	11	27	222

Home palliative care team						
offered support to	138/148	42/47	6/10	7/8	32/33	226/247
patients in care homes	(93.2%)	(89.4%)	(60%)	(87.5%)	(97%)	(91.5%) <sup>c</sup>
(n/N, %)						
Home palliative care team	103/160	32/47	7/10	9/9	23/34	174/261
offered 24 hour support	(64.4%)	(68.1%)	(70%)	(100%)	(67.6%)	(66.7%) <sup>b</sup>
for patients (n/N, %)						
Approximate number of						
new patients seen						
annually by home care						
Mean (SD)	430.9	99.3	90	450	195.8	362.8 (500.8)
	(555.3)	(122.6)		(312.2)	(129)	
Median (IQR)	300 (164,	50 (30,	90 (90,	350 (200,	200 (55,	250 (90, 381.3)
	436.5)	120)	90)	-)	331.3)	
Total	73	15	1	3	6	98
Missing	204	70	16	16	53	360 <sup>b</sup>
Home nursing service	54/92	6/15	0/1 (0%)	3/4 (75%)	4/7	67/119 (56.3%)
offered 24 hour support	(58.7%)	(40%)			(57.1%)	
for patients (n/N, %)						
Experience with suspected	or confirmed	COVID-19	<u> </u>	<u> </u>	<u>l</u>	
Confirmed (by test) cases						
of COVID-19 (n/N, %) <sup>a</sup>						
Yes	228/264	50/83	5/16	3/17	18/58	304/439
	(86.4%)	(60.2%)	(31.3%)	(17.6%)	(31%)	(69.2%) <sup>b</sup>
Missing	13	2	1	2	1	19
Approximate number of						
confirmed COVID-19						
cases						
Mean (SD)	40.2	23 (35.7)	36.6	9 (9.6)	6.9 (7.7)	35 (54.7)
	(59.5)		(63.5)			
Median (IQR)	14 (5, 52)	9 (2.5,	10 (6.5,	5 (2, -)	4 (1, 11)	10 (4, 50)
		28.5)	80)			
Total	215	49	5	3	17	289

Missing	62	36	12	16	42	169 <sup>b</sup>
Services with confirmed						
COVID-19 cases (n/N, %)						
In-patient PC unit	132/158	26/43	3/8	1/5 (20%)	10/34	172/249
	(83.5%)	(60.5%)	(37.5%)		(29.4%)	(69.1%) <sup>b</sup>
Hospital PC team	117/129	16/26	3/9	2/9	15/36	153/209
	(90.7%)	(61.5%)	(33.3%)	(22.2%)	(41.7%)	(73.2%)
Home PC team	135/151	29/46	3/9	1/7	9/34	177/248
	(89.4%)	(63%)	(33.3%)	(14.3%)	(26.5%)	(71.4%) <sup>b</sup>
Home nursing	74/87	7/13	0/1 (0%)	0/3 (0%)	3/7	84/111 (75.7%)
	(85.1%)	(53.8%)			(42.9%)	
Suspected cases of	208/260	46/83	7/17	6/17	27/58	295/436
COVID-19 (untested but	(80%)	(55.4%)	(41.2%)	(35.3%)	(46.6%)	(67.7%) <sup>c</sup>
clinical						
diagnosis/symptoms)						
(n/N, %) <sup>a</sup>						
Missing	17	2	-	2	1	22
Approximate number of						
suspected COVID-19						
cases						
Mean (SD)	22.9	16.4	20.4	7.7 (7.1)	8.3	20 (38)
	(42.2)	(30.4)	(35.9)		(10.4)	
Median (IQR)	10 (4, 21)	10 (5, 16)	3 (1, 20)	7 (1, 12.5)	5 (2, 10)	10 (4, 20)
Total	193	47	7	6	26	280 <sup>b</sup>
Missing	84	38	10	13	33	178
Services with suspected						
COVID-19 cases (n/N, %)						
In-patient PC unit	122/156	21/43	2/8 (25%)	3/5 (60%)	16/34	165/247
	(78.2%)	(48.8%)			(47.1%)	(66.8%) <sup>c</sup>
Hospital PC team	105/125	16/26	4/9	3/9	20/36	148/205
	(84%)	(61.5%)	(44.4%)	(33.3%)	(55.6%)	(72.2%)
Home PC team	124/150	32/46	4/10	3/7	14/34	178/248
	(82.7%)	(69.6%)	(40%)	(42.9%)	(41.2%)	(71.8%) <sup>c</sup>

Home nursing	71/86	6/13	0/1 (0%)	0/3 (0%)	5/7	82/110 (74.5%)
	(82.6%)	(46.2%)			(71.4%)	
Services with confirmed	248/264	60/83	9/17	7/17	33/58	358/440
or suspected COVID-19	(93.9%)	(72.3%)	(52.9%)	(41.2%)	(56.9%)	(81.4%) <sup>c</sup>
cases (n/N, %) <sup>a</sup>						
Missing	13	2	-	2	1	18
Approximate number of						
confirmed or suspected						
COVID-19 cases per						
service						
Median (IQR)	25.5 (7,	15 (4.5,	3 (2, 70)	8 (2, 20)	6 (2, 11)	16 (5.5, 56)
	70)	35.5)				
Total	234	61	9	7	33	345 <sup>b</sup>
Services with confirmed						
or suspected COVID-19						
cases (n/N, %)						
In-patient PC unit	146/158	30/43	3/8	3/5 (60%)	20/34	203/249
	(92.4%)	(69.8%)	(37.5%)		(58.8%)	(81.5%) <sup>c</sup>
Hospital PC team	127/129	20/26	5/9	4/9	26/36	182/209
	(98.4%)	(76.9%)	(55.6%)	(44.4%)	(72.2%)	(87.1%)
Home PC team	143/151	35/46	5/10	3/7	17/34	204/249
	(94.7%)	(76.1%)	(50%)	(42.9%)	(50%)	(81.9%) <sup>c</sup>
Home nursing	82/87	7/13	0/1 (0%)	0/3 (0%)	5/7	94/111 (84.7%)
	(94.3%)	(53.8%)			(71.4%)	
Severity of disease in						
patients with suspected						
or confirmed COVID-19						
(n/N, %)						
Severely ill or dying due	112/248	13/60	1/9	0/7 (0%)	5/33	131/358
mainly to COVID-19	(45.2%)	(21.7%)	(11.1%)		(15.2%)	(36.6%) <sup>b</sup>
Pre-existing illnesses/co-	192/248	34/60	3/9	5/7	15/33	250/358
morbidities as well as	(77.4%)	(56.7%)	(33.3%)	(71.4%)	(45.5%)	(69.8%) <sup>c</sup>
			<u> </u>	l	l	

COVID-19 who are severely						
ill or dying						
Patients known to service	129/248	21/60	3/9	2/7	12/33	168/358
already who now have	(52%)	(35%)	(33.3%)	(28.6%)	(36.4%)	(46.9%) <sup>c</sup>
COVID-19						
Services who reported	173/257	39/81	1/16	2/17	22/57	237/429
that family	(67.3%)	(48.1%)	(6.3%)	(11.8%)	(38.6%)	(55.2%) <sup>b</sup>
members/close friends of						
patients had suspected or						
confirmed COVID-19 (n/N,						
%) <sup>a</sup>						
Missing	20	4	1	2	2	29
Services with staff with	238/262	55/83	4/16	7/17	30/58	335/437
suspected or confirmed	(90.8%)	(66.3%)	(25%)	(41.2%)	(51.7%)	(76.7%) <sup>c</sup>
COVID-19 (n/N, %) <sup>a</sup>						
Missing	15	2	1	2	1	21
Type of staff with						
suspected or confirmed						
<b>COVID-19</b> (n/N, %)						
Nurses	224/238	51/55	3/4 (75%)	7/7	22/30	308/335
	(94.1%)	(92.7%)		(100%)	(73.3%)	(91.9%) <sup>c</sup>
Physicians	161/238	32/55	2/4 (50%)	3/7	15/30	214/335
	(67.6%)	(58.2%)		(42.9%)	(50%)	(63.9%) <sup>c</sup>
Allied health professionals,	92/238	11/55	3/4 (75%)	1/7	7/30	115/335
managed	(38.7%)	(20%)		(14.3%)	(23.3%)	(34.3%) <sup>c</sup>
Reception/administrative	74/238	9/55	0/4 (0%)	2/7	3/30	88/335
staff	(31.1%)	(16.4%)		(28.6%)	(10%)	(26.3%) <sup>b</sup>
Managers	69/238	8/55	0/4 (0%)	1/7	0/30	78/335
	(29%)	(14.5%)		(14.3%)	(0%)	(23.3%) <sup>b</sup>
Others	48/238	5/55	1/4 (25%)	0/7 (0%)	4/30	58/335
	(20.2%)	(9.1%)			(13.3%)	(17.3%) <sup>b</sup>
Services who had						
volunteers with						
		<u> </u>	L	L	<u> </u>	

suspected or confirmed										
COVID-19 (n/N, %) <sup>a</sup>										
Yes	33/236	3/81	1/16	0/17 (0%)	1/56	38/407 (9.3%) <sup>b</sup>				
	(14%)	(3.7%)	(6.3%)	, ,	(1.8%)					
Missing	41	4	1	2	3	51				
Service changes in response to COVID-19										
Services who had	255/263	74/82	14/17	15/17	53/57	412/437				
changed in response to	(97%)	(90.2%)	(82.4%)	(88.2%)	(93%)	(94.3%) <sup>c</sup>				
COVID-19 (n/N, %) <sup>a</sup>										
Missing	14	3	-	2	2	21				
Services changes in										
response to COVID-19:										
level of busyness (n/N, %)										
A lot more busy	70/255	27/74	3/14	3/15	11/53	114/412				
	(27.5%)	(36.5%)	(21.4%)	(20%)	(20.8%)	(27.7%) <sup>b</sup>				
Slightly more busy	61/255	21/74	1/14	5/15	9/53	97/412				
	(23.9%)	(28.4%)	(7.1%)	(33.3%)	(17%)	(23.5%) <sup>b</sup>				
About the same	49/255	12/74	2/14	4/15	14/53	82/412				
	(19.2%)	(16.2%)	(14.3%)	(26.7%)	(26.4%)	(19.9%) <sup>c</sup>				
Slightly less busy	48/255	10/74	4/14	3/15	11/53	76/412				
	(18.8%)	(13.5%)	(28.6%)	(20%)	(20.8%)	(18.4%) <sup>b</sup>				
Much less busy	27/255	4/74	4/14	0/15 (0%)	8/53	43/412				
	(10.6%)	(5.4%)	(28.6%)		(15.1%)	(10.4%) <sup>b</sup>				
Services who had lost										
staff from their service										
because they have been	85/253	14/73	4/13	4/15	12/53	119/408				
moved to help the NHS	(33.6%)	(19.2%)	(30.8%)	(26.7%)	(22.6%)	(29.2%) <sup>b</sup>				
elsewhere (n/N, %)										
Services who reported										
that staff offered to help	120/253	13/73	0/13 (0%)	3/15	9/52	145/407				
their service from health	(47.4%)	(17.8%)		(20%)	(17.3%)	(35.6%) <sup>b</sup>				
services elsewhere (n/N,										
%)										
	I	1	1		1					

Services who reported	240/254	64/73	12/14	13/15	44/53	374/410
changing how their staff	(94.5%)	(87.7%)	(85.7%)	(86.7%)	(83%)	(91.2%) <sup>c</sup>
work (n/N, %)						
Services who reported						
changing where their staff	217/253	43/71	7/14	10/15	41/53	319/407
work (e.g. home working)	(85.8%)	(60.6%)	(50%)	(66.7%)	(77.4%)	(78.4%) <sup>c</sup>
(n/N, %)						
Services who reported						
changing how their	160/223	46/71	9/13	13/15	39/51	268/374
volunteers engage and	(71.7%)	(64.8%)	(69.2%)	(86.7%)	(76.5%)	(71.7%) <sup>c</sup>
where (n/N, %)						
Use of virtual technologies						
Services that reported						
use of virtual						
technologies (e.g						
zoom/teams) with patients						
and families (n/N, %)						
A lot more	149/252	25/71	6/13	6/15	33/53	219/405
	(59.1%)	(35.2%)	(46.2%)	(40%)	(62.3%)	(54.1%) <sup>b</sup>
Slightly more	71/252	24/71	2/13	8/15	14/53	120/405
	(28.2%)	(33.8%)	(15.4%)	(53.3%)	(26.4%)	(29.6%) <sup>c</sup>
About the same	29/252	19/71	1/13	0/15 (0%)	6/53	55/405
	(11.5%)	(26.8%)	(7.7%)		(11.3%)	(13.6%) <sup>b</sup>
Slightly less	-	-	-	-	-	-
Much less	3/252	3/71	4/13	1/15	0/53	11/405
	(1.2%)	(4.2%)	(30.8%)	(6.7%)	(0%)	(2.7%) <sup>b</sup>
Services that reported						
use of virtual						
technologies (e.g						
zoom/teams) with						
colleagues (n/N, %)						
	Ì	İ				

A lot more	236/254	46/72	10/14	8/15	45/53	345/409
	(92.9%)	(63.9%)	(71.4%)	(53.3%)	(84.9%)	(84.4%) <sup>b</sup>
Slightly more	14/254	14/72	3/14	5/15	8/53	45/409
	(5.5%)	(19.4%)	(21.4%)	(33.3%)	(15.1%)	(11%) <sup>c</sup>
About the same	2/254	10/72	0/14 (0%)	2/15	0/53	14/409
	(0.8%)	(13.9%)		(13.3%)	(0%)	(3.4%) <sup>b</sup>
Slightly less	1/254	2/72	0/14 (0%)	0/15 (0%)	0/53	3/409
	(0.4%)	(2.8%)			(0%)	(0.7%) <sup>b</sup>
Much less	1/254	0/72 (0%)	1/14	0/15 (0%)	0/53	2/409
	(0.4%)		(7.1%)		(0%)	(0.5%) <sup>b</sup>
Advance care planning (ACI	P)					
Services that reported						
that they are now						
involved directly with						
patients/families in ACP						
(n/N, %)						
A lot more	28/253	6/72	2/14	0/15	3/53	39/408
	(11.1%)	(8.3%)	(14.3%)	(0%)	(5.7%)	(9.6%) <sup>b</sup>
Slightly more	75/253	13/72	1/14	3/15	5/53	97/408
	(29.6%)	(18.1%)	(7.1%)	(20%)	(9.4%)	(23.8%) <sup>b</sup>
About the same	128/253	45/72	6/14	10/15	43/53	233/408
	(50.6%)	(62.5%)	(42.9%)	(66.7%)	(81.1%)	(57.1%) <sup>c</sup>
Slightly less	13/253	6/72	0/14 (0%)	1/15	1/53	21/408
	(5.1%)	(8.3%)		(6.7%)	(1.9%)	(5.1%) <sup>b</sup>
Much less	9/253	2/72	5/14	1/15	1/53	18/408
	(3.6%)	(2.8%)	(35.7%)	(6.7%)	(1.9%)	(4.4%) <sup>b</sup>
Services that reported						
that they are now						
involved						
advising/supporting						
others and/or educating						
about ACP (n/N, %)						
	1	1	1	ı	1	ı

A lot more	75/253	11/70	3/14	4/15	8/53	101/406
	(29.6%)	(15.7%)	(21.4%)	(26.7%)	(15.1%)	(24.9%) <sup>b</sup>
Slightly more	84/253	19/70	1/14	4/15	11/53	120/406
	(33.2%)	(27.1%)	(7.1%)	(26.7%)	(20.8%)	(29.6%) <sup>c</sup>
About the same	75/253	35/70	5/14	6/15	31/53	152/406
	(29.6%)	(50%)	(35.7%)	(40%)	(58.5%)	(37.4%) <sup>b</sup>
Slightly less	12/253	3/70	0/14 (0%)	0/15 (0%)	1/53	16/406
	(4.7%)	(4.3%)			(1.9%)	(3.9%) <sup>b</sup>
Much less	7/253	2/70	5/14	1/15	2/53	17/406
	(2.8%)	(2.9%)	(35.7%)	(6.7%)	(3.8%)	(4.2%) <sup>b</sup>
Bereavement support	L	l	l	l	<u> </u>	<u> </u>
Bereavement support						
(n/N, %)						
A lot more	32/193	2/53	1/13	0/12 (0%)	2/41	37/313
	(16.6%)	(3.8%)	(7.7%)		(4.9%)	(11.8%) <sup>b</sup>
Slightly more	49/193	14/53	1/13	5/12	9/41	78/313
	(25.4%)	(26.4%)	(7.7%)	(41.7%)	(22%)	(24.9%) <sup>b</sup>
About the same	76/193	24/53	5/13	2/12	21/41	129/313
	(39.4%)	(45.3%)	(38.5%)	(16.7%)	(51.2%)	(41.2%) <sup>c</sup>
Slightly less	23/193	9/53	1/13	4/12	6/41	43/313
	(11.9%)	(17%)	(7.7%)	(33.3%)	(14.6%)	(13.7%) <sup>b</sup>
Much less	13/193	4/53	5/13	1/12	3/41	26/313
	(6.7%)	(7.5%)	(38.5%)	(8.3%)	(7.3%)	(8.3%) <sup>b</sup>
Other support						
Services that reported	93/254	16/76	3/16	5/16	15/56	132/419
encountering patients or	(36.6%)	(21.1%)	(18.8%)	(31.3%)	(26.8%)	(31.5%) <sup>b</sup>
families with COVID-19						
who are from black and						
minority ethnic groups						
(n/N, %) <sup>a</sup>						
Missing	23	9	1	3	3	39
Changes in specific services						

Services that reported	117/255	25/74	4/14	4/15	20/53	170/412
changes in in-patient	(45.9%)	(33.8%)	(28.6%)	(26.7%)	(37.7%)	(41.3%) <sup>b</sup>
beds in their service						
(n/N, %)						
Changes in in-patient						
beds in your services						
Number of beds (n/N, %)						
Increased	41/117	5/28	1/4	0/4	1/21	48/174
	(35%)	(17.9%)	(25%)	(0%)	(4.8%)	(27.6%)
Stayed about the same	34/117	10/28	2/4	4/4	7/21	57/174
	(29.1%)	(35.7%)	(50%)	(100%)	(33.3%)	(32.8%)
Decreased	42/117	13/28	1/4	0/4	13/21	69/174
	(35.9%)	(46.4%)	(25%)	(0%)	(61.9%)	(39.7%)
Services that reported						
changes in how they	103/255	22/74	6/14	8/15	30/53	169/412 (41%) <sup>b</sup>
provide support for	(40.4%)	(29.7%)	(42.9%)	(53.3%)	(56.6%)	
patients in acute						
hospitals (n/N, %)						
Number of patients						
needing support in acute						
hospital (n/N, %)						
Increased	44/101	8/25	2/6	1/10	9/31	64/173
	(43.6%)	(32%)	(33.3%)	(10%)	(29%)	(37%)
Stayed about the same	28/101	4/25	2/6	4/10	13/31	51/173
	(27.7%)	(16%)	(33.3%)	(40%)	(41.9%)	(29.5%)
Decreased	29/101	13/25	2/6	5/10	9/31	58/173
	(28.7%)	(52%)	(33.3%)	(50%)	(29%)	(33.5%)
In acute hospital, face to						
face contact with						
patients/their family						
members is (n/N, %)						
A lot more	9/103	2/25	0/6	0/10	0/32	11/176
	(8.7%)	(8%)	(0%)	(0%)	(0%)	(6.3%)

Slightly more	6/103	2/25	0/6	0/10	2/32	10/176
	(5.8%)	(8%)	(0%)	(0%)	(6.3%)	(5.7%)
About the same	14/103	2/25	1/6	1/10	3/32	21/176
	(13.6%)	(8%)	(16.7%)	(10%)	(9.4%)	(11.9%)
Slightly less	33/103	5/25	1/6	3/10	8/32	50/176
	(32%)	(20%)	(16.7%)	(30%)	(25%)	(28.4%)
Much less	41/103	14/25	4/6	6/10	19/32	84/176
	(39.8%)	(56%)	(66.7%)	(60%)	(59.4%)	(47.7%)
In acute hospital, face to						
face contact with staff is						
(n/N, %)						
A lot more	29/103	2/25	0/6	1/10	0/32	32/176
	(28.2%)	(8%)	(0%)	(10%)	(0%)	(18.2%)
Slightly more	28/103	2/25	0/6	0/10	1/32	31/176
	(27.2%)	(8%)	(0%)	(0%)	(3.1%)	(17.6%)
About the same	15/103	4/25	0/6	2/10	12/32	33/176
	(14.6%)	(16%)	(0%)	(20%)	(37.5%)	(18.8%)
Slightly less	16/103	11/25	3/6	4/10	7/32	41/176
	(15.5%)	(44%)	(50%)	(40%)	(21.9%)	(23.3%)
Much less	15/103	6/25	3/6	3/10	12/32	39/176
	(14.6%)	(24%)	(50%)	(30%)	(37.5%)	(22.2%)
In acute hospital,						
telephone/remote						
connection is (n/N, %)						
A lot more	66/104	16/25	1/6	7/10	17/31	107/176
	(63.5%)	(64%)	(16.7%)	(70%)	(54.8%)	(60.8%)
Slightly more	25/104	8/25	4/6	3/10	11/31	51/176
	(24%)	(32%)	(66.7%)	(30%)	(35.5%)	(29%)
About the same	11/104	1/25	1/6	0/10	3/31	16/176
	(10.6%)	(4%)	(16.7%)	(0%)	(9.7%)	(9.1%)
Slightly less	1/104	0/25	0/6	0/10	0/31	1/176
	(1%)	(0%)	(0%)	(0%)	(0%)	(0.6%)
	l	L	L	İ		

Much less	1/104	0/25	0/6	0/10	0/31	1/176
	(1%)	(0%)	(0%)	(0%)	(0%)	(0.6%)
Services that reported						
changes in how they	152/255	32/74	8/14	6/15	30/53	228/412
provide support for	(59.6%)	(43.2%)	(57.1%)	(40%)	(56.6%)	(55.3%) <sup>b</sup>
patients in their own						
homes (n/N, %)						
Number of patients						
needing support in their						
own homes (n/N, %)						
Increased	60/152	15/32	1/8	4/6	13/31	93/229
	(39.5%)	(46.9%)	(12.5%)	(66.7%)	(41.9%)	(40.6%)
Stayed about the same	72/152	11/32	4/8	1/6	15/31	103/229
	(47.4%)	(34.4%)	(50%)	(16.7%)	(48.4%)	(45%)
Decreased	20/152	6/32	3/8	1/6	3/31	33/229
	(13.2%)	(18.8%)	(37.5%)	(16.7%)	(9.7%)	(14.4%)
Face to face contact with						
patients/their family						
members in their own						
homes is (n/N, %)						
A lot more	4/153	1/31	1/8	0/6	3/31	9/229
	(2.6%)	(3.2%)	(12.5%)	(0%)	(9.7%)	(3.9%)
Slightly more	2/153	4/31	0/8	0/6	2/31	8/229
	(1.3%)	(12.9%)	(0%)	(0%)	(6.5%)	(3.5%)
About the same	8/153	5/31	1/8	1/6	1/31	16/229
	(5.2%)	(16.1%)	(12.5%)	(16.7%)	(3.2%)	(7%)
Slightly less	38/153	6/31	2/8	1/6	9/31	56/229
	(24.8%)	(19.4%)	(25%)	(16.7%)	(29%)	(24.5%)
Much less	101/153	15/31	4/8	4/6	16/31	140/229
	(66%)	(48.4%)	(50%)	(66.7%)	(51.6%)	(61.1%)
Face to face contact with						
staff in patients' homes is						
(n/N, %)						

Silghtly more	A lot more	2/150	0/31	1/8	0/6	1/29	4/224
About the same		(1.3%)	(0%)	(12.5%)	(0%)	(3.4%)	(1.8%)
About the same         24/150         5/31         3/8         1/6         5/29         38/224           Slightly less         48/150         9/31         2/8         2/6         10/29         71/224           Slightly less         48/150         9/31         2/8         2/6         10/29         71/224           Much less         71/150         15/31         2/8         3/6         12/29         03/224           Much less         71/150         15/31         2/8         3/6         12/29         03/224           For patients in their own homes, telephone/remote connection is (n/N, %)         48.4%)         (25%)         (50%)         (41.4%)         (46%)           A lot more         125/151         21/32         2/8         5/6         22/31         175/228           Slightly more         (82.8%)         (65.6%)         (25%)         (83.3%)         (71%)         (76.8%)           Slightly more         (9/151         2/32         1/8         1/6         2/31         177.1%)           About the same         6/151         2/32         1/8         1/6         2/31         12/228           Much less         0/151         0/32         1/8         0/6         1/31	Slightly more	5/150	2/31	0/8	0/6	1/29	8/224
Slightly less		(3.3%)	(6.5%)	(0%)	(0%)	(3.4%)	(3.6%)
Slightly less       48/150       9/31       2/8       2/6       10/29       71/224         Much less       71/150       15/31       2/8       3/6       12/29       103/224         For patients in their own homes, telephone/remote connection is (n/N, %)       (48.4%)       (25%)       (50%)       (41.4%)       (46%)         A lot more       125/151       21/32       2/8       5/6       22/31       175/228         Slightly more       20/151       9/32       4/8       0/6       6/31       39/228         Slightly more       6/151       2/32       1/8       1/6       2/31       12/228         About the same       6/151       2/32       1/8       1/6       2/31       12/228         (4%)       (6.3%)       (12.5%)       (16.7%)       (6.5%)       (5.3%)       (17.1%)         Much less       0/151       0/32       1/8       1/6       2/31       12/228         Evrices that reported changes in how medicines are given in the community (e.g. who sets up syringe       1/8       1/6       9/28       75/222         administering medicines       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes	About the same	24/150	5/31	3/8	1/6	5/29	38/224
Much less 71/150 15/31 2/8 3/6 12/29 103/224  (47.3%) (48.4%) (25%) (50%) (41.4%) (46%)  For patients in their own homes, telephone/remote connection is (n/N, %)  A lot more 125/151 21/32 2/8 5/6 22/31 175/228  (82.8%) (65.6%) (25%) (83.3%) (71%) (76.8%)  Slightly more 20/151 9/32 4/8 0/6 6/31 39/228  (13.2%) (28.1%) (50%) (0%) (19.4%) (17.1%)  About the same 6/151 2/32 1/8 1/6 2/31 12/228  (4%) (6.3%) (12.5%) (16.7%) (6.5%) (5.3%)  Much less 0/151 0/32 1/8 0/6 (5.3%) (5.3%)  Much less 0/151 0/32 1/8 0/6 (5.3%) (5.3%)  Services that reported changes in how medicines are given in the community (e.g. who sets up syringe drivers/families 56/149 7/31 1/8 2/6 9/28 75/222  administering medicines (37.6%) (22.6%) (12.5%) (33.3%) (32.1%) (33.8%)  Services that reported changes in how they provide support for 96/255 23/74 2/14 4/15 28/53 153/412		(16%)	(16.1%)	(37.5%)	(16.7%)	(17.2%)	(17%)
Much less         71/150         15/31         2/8         3/6         12/29         103/224           For patients in their own homes, telephone/remote connection is (n/N, %)         (48.4%)         (25%)         (50%)         (41.4%)         (46%)           A lot more         125/151         21/32         2/8         5/6         22/31         175/228           Slightly more         (82.8%)         (65.6%)         (25%)         (83.3%)         (71%)         (76.8%)           Slightly more         20/151         9/32         4/8         0/6         6/31         39/228           (13.2%)         (28.1%)         (50%)         (0%)         (19.4%)         (17.1%)           About the same         6/151         2/32         1/8         1/6         2/31         12/228           About the same         0/151         0/32         1/8         0/6         1/31         2/228           Much less         0/151         0/32         1/8         0/6         1/31         2/228           Services that reported changes in how         10%)         1(12.5%)         (0%)         (3.2%)         (0.9%)           drivers/families         56/149         7/31         1/8         2/6         9/28         75	Slightly less	48/150	9/31	2/8	2/6	10/29	71/224
For patients in their own homes, telephone/remote connection is (n/N, %)   125/151   21/32   2/8   5/6   22/31   175/228   1		(32%)	(29%)	(25%)	(33.3%)	(34.5%)	(31.7%)
For patients in their own homes, telephone/remote connection is (n/N, %)         125/151         21/32         2/8         5/6         22/31         175/228           A lot more         125/151         21/32         2/8         5/6         22/31         175/228           Slightly more         20/151         9/32         4/8         0/6         6/31         39/228           About the same         6/151         2/32         1/8         1/6         2/31         12/228           About the same         6/151         2/32         1/8         1/6         2/31         12/228           Much less         0/151         0/32         1/8         0/6         1/31         2/228           Services that reported changes in how medicines are given in the community (e.g. who sets up syringe         1/2         1/8         0/6         1/31         2/228           drivers/families         56/149         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         56/149         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         2/2         (12.5%)         (33.3%)         (32.1%)         (33.8%)           Services that reported changes in ho	Much less	71/150	15/31	2/8	3/6	12/29	103/224
homes, telephone/remote connection is (n/N, %)         21/32         2/8         5/6         22/31         175/228           A lot more         125/151         21/32         2/8         5/6         22/31         175/228           Slightly more         20/151         9/32         4/8         0/6         6/31         39/228           About the same         6/151         2/32         1/8         1/6         2/31         12/228           Much less         0/151         0/32         1/8         0/6         1/31         2/228           Services that reported changes in how medicines are given in the community (e.g. who sets up syringe         1/8         1/6         9/28         75/222           administering medicines (n/N, %)         56/149         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         56/149         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         2/6         9/28         75/222         2/8         2/8         2/8         2/8         2/8         2/8         1/8         2/6         9/28         75/222         2/8         2/8         2/8         2/8         2/8         2/8         2/8		(47.3%)	(48.4%)	(25%)	(50%)	(41.4%)	(46%)
connection is (n/N, %)         Image: square law square	For patients in their own						
A lot more   125/151   21/32   2/8   5/6   22/31   175/228   (82.8%)   (65.6%)   (25%)   (83.3%)   (71%)   (76.8%)   (76.8%)   (76.8%)   (71.4%)   (76.8%)   (71.4%)   (76.8%)   (71.4%)   (76.8%)   (71.4%)   (76.8%)   (71.4%)	homes, telephone/remote						
Slightly more   20/151   9/32   4/8   0/6   6/31   39/228	connection is (n/N, %)						
Slightly more       20/151       9/32       4/8       0/6       6/31       39/228         About the same       6/151       2/32       1/8       1/6       2/31       12/228         Much less       0/151       0/32       1/8       0/6       1/31       2/228         (0%)       (0%)       (12.5%)       (16.7%)       (6.5%)       (5.3%)         Much less       0/151       0/32       1/8       0/6       1/31       2/228         (0%)       (0%)       (12.5%)       (0%)       (3.2%)       (0.9%)         Services that reported changes in how medicines are given in the community (e.g. who sets up syringe         drivers/families       56/149       7/31       1/8       2/6       9/28       75/222         administering medicines (n/N, %)       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they         provide support for       96/255       23/74       2/14       4/15       28/53       153/412	A lot more	125/151	21/32	2/8	5/6	22/31	175/228
About the same (13.2%) (28.1%) (50%) (0%) (19.4%) (17.1%)  About the same 6/151 2/32 1/8 1/6 2/31 12/228  (4%) (6.3%) (12.5%) (16.7%) (6.5%) (5.3%)  Much less 0/151 0/32 1/8 0/6 1/31 2/228  (0%) (0%) (12.5%) (0%) (3.2%) (0.9%)  Services that reported changes in how medicines are given in the community (e.g. who sets up syringe drivers/families 56/149 7/31 1/8 2/6 9/28 75/222 administering medicines (37.6%) (22.6%) (12.5%) (33.3%) (32.1%) (33.8%)  Services that reported changes in how they provide support for 96/255 23/74 2/14 4/15 28/53 153/412		(82.8%)	(65.6%)	(25%)	(83.3%)	(71%)	(76.8%)
About the same 6/151 2/32 1/8 1/6 2/31 12/228 (4%) (6.3%) (12.5%) (16.7%) (6.5%) (5.3%) (5.3%) (10.7%) (6.5%) (5.3%) (10.7%) (6.5%) (5.3%) (10.7%) (6.5%) (10.7%) (6.5%) (10.7	Slightly more	20/151	9/32	4/8	0/6	6/31	39/228
Much less		(13.2%)	(28.1%)	(50%)	(0%)	(19.4%)	(17.1%)
Much less       0/151 (0%)       0/32 (0%)       1/8 (12.5%)       0/6 (1/3.1 (3.2%))       2/228 (0.9%)         Services that reported changes in how medicines are given in the community (e.g. who sets up syringe drivers/families       56/149 7/31 1/8 2/6 9/28 75/222         administering medicines (n/N, %)       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they       96/255       23/74       2/14       4/15       28/53       153/412	About the same	6/151	2/32	1/8	1/6	2/31	12/228
Community (e.g. who sets up syringe   Community (e.g. who sets administering medicines (37.6%)   Community (22.6%)   Community (22.6%)   Community (23.2%)   Communi		(4%)	(6.3%)	(12.5%)	(16.7%)	(6.5%)	(5.3%)
Services that reported changes in how medicines are given in the community (e.g. who sets up syringe drivers/families (37.6%)         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         (37.6%)         (22.6%)         (12.5%)         (33.3%)         (32.1%)         (33.8%)           Services that reported changes in how they         96/255         23/74         2/14         4/15         28/53         153/412	Much less	0/151	0/32	1/8	0/6	1/31	2/228
changes in how medicines are given in the community (e.g. who sets up syringe drivers/families         56/149         7/31         1/8         2/6         9/28         75/222           administering medicines (n/N, %)         (37.6%)         (22.6%)         (12.5%)         (33.3%)         (32.1%)         (33.8%)           Services that reported changes in how they provide support for         96/255         23/74         2/14         4/15         28/53         153/412		(0%)	(0%)	(12.5%)	(0%)	(3.2%)	(0.9%)
medicines are given in the community (e.g. who sets up syringe       2/6       9/28       75/222         drivers/families       56/149       7/31       1/8       2/6       9/28       75/222         administering medicines (n/N, %)       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they provide support for       96/255       23/74       2/14       4/15       28/53       153/412	Services that reported						
community (e.g. who sets up syringe       56/149       7/31       1/8       2/6       9/28       75/222         administering medicines (n/N, %)       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they provide support for       96/255       23/74       2/14       4/15       28/53       153/412	changes in how						
up syringe       56/149       7/31       1/8       2/6       9/28       75/222         administering medicines       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         (n/N, %)       Services that reported       Changes in how they       75/222       75/22	medicines are given in the						
drivers/families       56/149       7/31       1/8       2/6       9/28       75/222         administering medicines       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they       2/14       4/15       28/53       153/412	community (e.g. who sets						
administering medicines       (37.6%)       (22.6%)       (12.5%)       (33.3%)       (32.1%)       (33.8%)         Services that reported changes in how they provide support for       23/74       2/14       4/15       28/53       153/412	up syringe						
(n/N, %)  Services that reported changes in how they provide support for  96/255  23/74  2/14  4/15  28/53  153/412	drivers/families	56/149	7/31	1/8	2/6	9/28	75/222
Services that reported changes in how they provide support for 96/255 23/74 2/14 4/15 28/53 153/412	administering medicines	(37.6%)	(22.6%)	(12.5%)	(33.3%)	(32.1%)	(33.8%)
changes in how they         96/255         23/74         2/14         4/15         28/53         153/412	(n/N, %)						
provide support for 96/255 23/74 2/14 4/15 28/53 153/412	Services that reported						
	changes in how they						
patients in care homes (37.6%) (31.1%) (14.3%) (26.7%) (52.8%) (37.1%) <sup>b</sup>	provide support for	96/255	23/74	2/14	4/15	28/53	153/412
	patients in care homes	(37.6%)	(31.1%)	(14.3%)	(26.7%)	(52.8%)	(37.1%) <sup>b</sup>

(including nursing						
homes) (n/N, %)						
Number of patients						
needing support in care						
homes (including nursing						
homes) (n/N, %)						
Increased	40/93	7/23	0/2	2/3	5/25	54/146
	(43%)	(30.4%)	(0%)	(66.7%)	(20%)	(37%)
Stayed about the same	45/93	7/23	1/2	1/3	14/25	68/146
	(48.4%)	(30.4%)	(50%)	(33.3%)	(56%)	(46.6%)
Decreased	8/93	9/23	1/2	0/3	6/25	24/146
	(8.6%)	(39.1%)	(50%)	(0%)	(24%)	(16.4%)
Face to face contact with						
patients/their family						
members in care homes						
(including nursing						
homes) is (n/N, %)						
A lot more	6/94	3/21	0/2	0/3	0/25	9/145
	(6.4%)	(14.3%)	(0%)	(0%)	(0%)	(6.2%)
Slightly more	6/94	0/21	0/2	0/3	1/25	7/145
	(6.4%)	(0%)	(0%)	(0%)	(4%)	(4.8%)
About the same	12/94	0/21	1/2	0/3	0/25	13/145
	(12.8%)	(0%)	(50%)	(0%)	(0%)	(9%)
Slightly less	18/94	5/21	0/2	2/3	4/25	29/145
	(19.1%)	(23.8%)	(0%)	(66.7%)	(16%)	(20%)
Much less	52/94	13/21	1/2	1/3	20/25	87/145
	(55.3%)	(61.9%)	(50%)	(33.3%)	(80%)	(60%)
Face to face contact with						
staff in care homes						
(including nursing						
homes) is (n/N, %)						
A lot more	8/93	2/21	0/2	2/3	0/25	12/144
	(8.6%)	(9.5%)	(0%)	(66.7%)	(0%)	(8.3%)

Slightly more	7/93	2/21	0/2	0/3	1/25	10/144
	(7.5%)	(9.5%)	(0%)	(0%)	(4%)	(6.9%)
About the same	7/93	3/21	1/2	1/3	2/25	14/144
	(7.5%)	(14.3%)	(50%)	(33.3%)	(8%)	(9.7%)
Slightly less	15/93	2/21	1/2	0/3	4/25	22/144
	(16.1%)	(9.5%)	(50%)	(0%)	(16%)	(15.3%)
Much less	56/93	12/21	0/2	0/3	18/25	86/144
	(60.2%)	(57.1%)	(0%)	(0%)	(72%)	(59.7%)
For patients in care						
homes (including nursing						
homes), telephone/remote						
connection is						
(n/N, %)						
A lot more	57/93	14/23	0/2	2/3	10/25	83/146
	(61.3%)	(60.9%)	(0%)	(66.7%)	(40%)	(56.8%)
Slightly more	20/93	6/23	1/2	1/3	7/25	35/146
	(21.5%)	(26.1%)	(50%)	(33.3%)	(28%)	(24%)
About the same	11/93	2/23	0/2	0/3	7/25	20/146
	(11.8%)	(8.7%)	(0%)	(0%)	(28%)	(13.7%)
Slightly less	4/93	1/23	1/2	0/3	1/25	7/146
	(4.3%)	(4.3%)	(50%)	(0%)	(4%)	(4.8%)
Much less	1/93	0/23	0/2	0/3	0/25	1/146
	(1.1%)	(0%)	(0%)	(0%)	(0%)	(0.7%)
Changes to how you are sup	pporting famil	lies/those imp	ortant to pati	ents	L	
Support for families/						
those important to						
patients compared to						
before is (n/N, %)						
A lot more	43/247	5/66	1/13	2/15	12/47	63/388
	(17.4%)	(7.6%)	(7.7%)	(13.3%)	(25.5%)	(16.2%)
Slightly more	49/247	16/66	3/13	3/15	5/47	76/388
	(19.8%)	(24.2%)	(23.1%)	(20%)	(10.6%)	(19.6%)
	1	I	I	I .	1	1

About the same	82/247	24/66	3/13	5/15	18/47	132/388
	(33.2%)	(36.4%)	(23.1%)	(33.3%)	(38.3%)	(34%)
Slightly less	57/247	14/66	2/13	3/15	6/47	82/388
	(23.1%)	(21.2%)	(15.4%)	(20%)	(12.8%)	(21.1%)
Much less	16/247	7/66	4/13	2/15	6/47	35/388
	(6.5%)	(10.6%)	(30.8%)	(13.3%)	(12.8%)	(9%)
Services that reported						
that they had changed						
how they contact and						
work with families/those	217/243	44/66	10/13	11/14	37/48	319/384
important to patients	(89.3%)	(66.7%)	(76.9%)	(78.6%)	(77.1%)	(83.1%)
(n/N, %)						
Changes to how you are dep	l ploying volun	teers		<u> </u>	<u> </u>	L
Services that reported	155/194	29/51	6/10	13/15	33/43	236/313
changes to how they	(79.9%)	(56.9%)	(60%)	(86.7%)	(76.7%)	(75.4%)
deploy volunteers (n/N, %)						
Deployment of volunteers						
compared to before is						
(n/N, %)						
A lot more	5/157	3/32	0/7	0/14 (0%)	2/34	10/244
	(3.2%)	(9.4%)	(0%)		(5.9%)	(4.1%)
Slightly more	4/157	2/32	0/7	2/14	0/34	8/244
	(2.5%)	(6.3%)	(0%)	(14.3%)	(0%)	(3.3%)
About the same	7/157	1/32	0/7	0/14 (0%)	1/34	9/244
	(4.5%)	(3.1%)	(0%)		(2.9%)	(3.7%)
Slightly less	15/157	2/32	3/7	1/14	3/28	24/244
	(9.6%)	(6.3%)	(42.9%)	(7.1%)	(8.8%)	(9.8%)
Much less	126/157	24/32	4/7	11/14	28/34	193/244
	(80.3%)	(75%)	(57.1%)	(78.6%)	(82.4%)	(79.1%)
Shortages	1	1	1	1	1	l
Personal Protective	129/258	38/75	9/15	6/17	19/54	201/419
Equipment (PPE)	(50%)	(50.7%)	(60%)	(35.3%)	(35.2%)	(48%)
shortages (n/N, %) <sup>a</sup>						
					L	

Missing or not applicable <sup>d</sup>	148	47	8	13	40	256
PPE shortages in the last	50/127	7/38	7/9	5/6	6/19	75/199
7 days (n/N, %) <sup>e</sup>	(39.4%)	(18.4%)	(77.8%)	(83.3%)	(31.6%)	(37.7%)
Missing or not applicable <sup>d</sup>	227	78	10	14	53	382
Key medicines shortages	63/255	19/73	4/15	4/17	11/54	101/414
(n/N, %) <sup>a</sup>	(24.7%)	(26%)	(26.7%)	(23.5%)	(20.4%)	(24.4%)
Missing or not applicable <sup>d</sup>	214	66	13	15	48	356
Key medicines shortages	28/63	3/18	4/4	4/4	6/11	45/100
in the last 7 days (n/N, %)e	(44.4%)	(16.7%)	(100%)	(100%)	(54.5%)	(45%)
Missing or not applicable <sup>d</sup>	249	82	13	15	53	412
Equipment shortages	45/256	3/73	4/14	2/17	2/54	56/414
(e.g. syringe drivers) (n/N,	(17.6%)	(4.1%)	(28.6%)	(11.8%)	(3.7%)	(13.5%)
%) <sup>a</sup>						
Missing or not applicable <sup>d</sup>	232	82	13	17	57	401
Equipment shortages in	19/42	1/3	3/3	2/2	2/2	27/52
the last 7 days (n/N, %)e	(45.2%)	(33.3%)	(100%)	(100%)	(100%)	(51.9%)
Missing or not applicable <sup>d</sup>	258	84	14	17	57	430
Staff shortages (n/N, %) <sup>a</sup>	117/255	26/75	4/14	6/16	13/54	166/414
	(45.9%)	(34.7%)	(28.6%)	(37.5%)	(24.1%)	(40.1%)
Missing or not applicable <sup>d</sup>	160	59	13	13	46	291
Staff shortages in the last	61/114	9/26	3/4	5/5	5/13	83/162
7 days (n/N, %) <sup>e</sup>	(53.5%)	(34.6%)	(75%)	(100%)	(38.5%)	(51.2%)
Missing or not applicable <sup>d</sup>	216	76	14	14	54	374
	1	1	1	1	1	1

59 of the 458 responses completed data but did not hit the final submit button, so lack a date and time stamp. Many were contacted and had no further information. Only 4/458 responders chose not to provide an email address on registration.

Note: UK = United Kingdom, Rest of Europe excludes UK, LIC = Low Income Countries, LMIC = Lower Middle Income Countries, UMIC = Upper Middle Income Countries, HIC = High Income countries, IQR = Interquartile range, NHS = National Health Service, PC = Palliative Care

<sup>&</sup>lt;sup>a</sup> n of value and valid N denominator are provided. Percentages are of valid values, unless otherwise stated. Number of missing responses for each category are provided.

<sup>&</sup>lt;sup>b</sup> Includes data from the one missing country in the denominator.

<sup>&</sup>lt;sup>c</sup> Included data from the one missing country in the numerator and denominator

<sup>&</sup>lt;sup>d</sup> Not applicable includes those services who did not have shortages

<sup>&</sup>lt;sup>e</sup> Response for "yes" and "sometimes" both coded as "yes"

Table S 2 Models of care in overall, charity/non-profit and public palliative care settings and numbers of services at only one, only two, only three or all of the settings

Numbers of services according to management type							
Sattings and Satting Combinations only		specified	settings <sup>a</sup>				
Settings and Setting Combinations only at the stated settings	Overall (n=458)	Charity/ Non-Profit (n=192)	Public (n=204)	Other/Private/ Unspecified (n=62)			
Inpatient Palliative Care Unit	59	31	19	9			
Inpatient Palliative Care Unit & Hospital Palliative Care Team	23	6	12	5			
Inpatient Palliative Care Unit & Home Palliative Care Team	40	31	5	4			
Inpatient Palliative Care Unit & Home  Nursing	14	13	0	1			
Inpatient Palliative Care Unit & Home Palliative Care Team & Home Nursing	47	42	1	4			
Inpatient Palliative Care Unit & Hospital Palliative Care Team & Home Nursing	1	1	0	0			
Inpatient Palliative Care Unit & Hospital Palliative Care Team & Home Palliative Care Team	53	12	27	14			
Inpatient Palliative Care Unit & Hospital Palliative Care Team & Home Palliative Care Team & Home Nursing	24	18	3	3			
Hospital Palliative Care Team	85	2	77	6			
Hospital Palliative Care Team & Home Palliative Care Team	26	0	21	5			
Hospital Palliative Care Team & Home  Nursing	0	0	0	0			
Hospital Palliative Care Team & Home Palliative Care Team & Home Nursing	5	1	3	1			
Home Palliative Care Team	48	16	25	7			
Home Palliative Care Team & Home Nursing	18	11	5	2			

Home Nursing	10	6	4	0

<sup>&</sup>lt;sup>a</sup> Data is missing for 2 Non-Profit, 2 Public and 1 Other/Private/Unspecified service

## Table S 3 Overall impact of COVID-19 on palliative care services, main themes and example quotes

#### **IMPACT OF COVID-19 ON PALLIATIVE CARE SERVICES**

#### **EMOTIONAL IMPACT**

### **Fatigue**

'Emotional fatigue because of a different type of dying & volume, as well as a lack of other type of work'

UK, Other (part of an NHS acute trust)

'fatigue - at times - with rapid changes and maintaining a flexible response to change' UK, Charitable/Non-Profit

'Volunteer death, staff family members' severe illness and also one death, and a local GP's death have hit hard. Fatigue has been a feature ...tearfulness and also staff not wanting to be away/wanting to give.' UK, Charitable/Non-Profit

'Very intense way of working - no separation of work and home environment- radical changes to practice and assurance of retention of quality and safety for staff and patients has been very demanding...' Rest of Europe, Charitable/Non-Profit

# **Anxiety and Worry**

'...staff have been anxious about their own health and the health of their families...have suffered bereavements and some have been hospitalised themselves, this undoubtedly has an impact on team morale' UK, Charitable/Non-profit

"...some normally resilient and balanced staff have been affected psychologically by health anxieties and not able to function or asking to be redeployed into non patient facing roles." UK, Charitable/Non-Profit

"...just the feeling of I can be dangerous for patients in palliative care, because most time I am working in acute hospital..." Rest of Europe, Public

#### **Stress & Distress**

'...great moral distress in supporting families who are stressed or bereaved that they cannot or could not be with their loved one through death or visit while the client could still communicate.' Rest of the World (HIC), Public

'Emotional burden on staff... ethical dilemmas... tested resilience, in some cases eroded' UK, Charitable/Non-Profit

'Working with the on-going uncertainty and adjusting to new ways of working has put an emotional strain and pressure on staff, but it has also provided a strength of purpose and commitment.' UK, Charitable/Non-Profit

'Staff are more concerned about how to provide care safely and upset that we are not able to offer the same care we would normally' UK, Charitable/Non-Profit

'Increased stress has been evident requiring additional support from clinical psychology' UK, Charitable/Non-Profit

'Chronic strain re emotional/social restrictions, constant change and uncertainty' UK, Charitable/Non-Profit

#### Guilt

'For all that I have been less busy than my acute colleagues - and I feel guilty about that ...a kind of reverse survivor's guilt...' UK, Charitable/Non-Profit

'Staff members becoming ill generates lots of fear and anxiety. Staff feeling guilty if they think they have passed on Covid to patients.' UK, Public

## **FRUSTRATION**

# Changing policy and practice

'Increased anxiety, and needing to ensure clear communication of changes in policy or practice' UK, Charitable/Non-Profit

"...there has been such difficulty coping with the information overload, sifting through what is essential and what is not. The bed capacity tracker has been a very laborious, time consuming and stressful exercise for all involved but at the same time a necessary evil in order to ensure funding." UK, Charitable/Non-Profit

- "...with the ever changing guidelines, just become familiar and they change again. Changing the service provision and supporting staff through this ...everyone is struggling, so it is really difficult to see who to go to for support' UK, Charitable/Non-Profit
- "...there was a lot of irritation and insecurity, the regional government changed directives nearly every day, because nobody knew what was best to do. We had a lot of work to implement the frequent changing guideline into our hospital and on the same time to teach the staff appropriately." Rest of Europe, Public

#### **Lack of Sympathy**

- '...lack of understanding of acute colleagues of the difficulties facing palliative providers in the community.'
  Rest of the World (HIC), Public
- '...staff on furlough and the animosity this has caused with staff who are still working...' UK, Charitable/Non-Profit

## **FINANCIAL**

'Financial distress of hospice resulting in staff taking voluntary pay cuts of up to 30%...'Rest of the World (UMIC), Charitable/Non-Profit

'...fear for oneself and ones patients uncertainty of having a job after this no funding how to sustain the organization as it is a NGO...' Rest of the World (UMIC), Charitable/Non-Profit

Table S 4 Univariable analysis of potential predictors of PPE shortages

		Odds	95% CI		p-value	Number of
		Ratio				responses in
						model
Unit management	Public	Ref				415
type	Charitable	5.91	3.78	9.24	<0.001	
	Other	1.39	0.69	2.82	0.36	
Type of patients	Adults only	Ref				413
	Mixed	1.35	0.74	2.48	0.33	
	Children only	1.15	0.52	2.54	0.74	
Busyness	Same	Ref				419
	A lot more busy	0.91	0.52	1.59	0.73	
	Slightly more busy	0.57	0.32	1.02	0.06	
	Slightly less busy	0.75	0.41	1.37	0.34	
	Much less busy	0.32	0.15	0.69	0.003	
Country	UK	Ref				419
	Rest of Europe	1.03	0.61	1.72	0.92	
	Rest of the World	0.65	0.40	1.07	0.10	
Any suspected or	No	Ref				416
confirmed COVID	Yes	1.20	0.73	1.97	0.47	
patients						
Inpatient palliative	No	Ref				419
care unit	Yes	3.95	2.61	5.96	<0.001	
Hospital palliative	No	Ref				419
care team	Yes	0.29	0.20	0.44	<0.001	
Home palliative	No	Ref				419
care team	Yes	1.58	1.07	2.33	0.02	
Home nursing	No	Ref				419
	Yes	3.53	2.21	5.66	<0.001	

Note Ref = reference category

Table S 5 Univariable analysis of potential predictors of medicines shortages

		Odds	95% CI		p-value	Number of
		Ratio				responses in
						model
Unit	Public	Ref				410
management	Charitable	0.73	0.45	1.18	0.20	
type	Other	1.03	0.48	2.22	0.94	
Type of patients	Adults only	Ref				408
	Mixed	0.68	0.31	1.45	0.32	
	Children only	0.53	0.18	1.59	0.26	
Busyness	Same	Ref				414
	A lot more busy	1.24	0.66	2.35	0.50	
	Slightly more busy	1.12	0.58	2.17	0.74	
	Slightly less busy	0.81	0.39	1.68	0.57	
	Much less busy	0.57	0.22	1.46	0.24	
Country	UK	Ref				414
	Rest of Europe	1.07	0.59	1.94	0.82	
	Rest of the World	0.86	0.48	1.55	0.62	
Any suspected	No	Ref				411
or confirmed	Yes	1.36	0.73	2.52	0.33	
COVID patients						
Inpatient	No	Ref				414
palliative care	Yes	0.66	0.42	1.04	0.07	
unit						
Hospital	No	Ref				414
palliative care	Yes	1.23	0.78	1.93	0.37	
team						
Home palliative	No	Ref				414
care team	Yes	1.34	0.85	2.11	0.21	
Home nursing	No	Ref				414
	Yes	0.70	0.41	1.21	0.20	

Note: Ref = reference category

Table S 6 Univariable analysis of potential predictors of other equipment shortages

		Odds	95% CI		p-value	Number of
		Ratio				responses in
Unit	Public	Ref				410
management	Charitable	0.56	0.31	1.04	0.07	
type	Other	0.51	0.17	1.54	0.24	
Type of patients	Adults only	Ref				408
	Mixed	0.57	0.20	1.67	0.31	
	Children only	0.50	0.11	2.18	0.36	
Busyness	Same	Ref	0.11	2.10	0.00	414
Dusylless			2.01	25.07	<0.001	414
	A lot more busy	10.27	3.01	35.07	<0.001	
	Slightly more busy	5.57	1.55	19.96	0.008	
	Slightly less busy	3.41	0.87	13.30	0.08	
	Much less busy	1.40	0.22	8.68	0.72	
Country	UK	Ref				414
	Rest of Europe	0.20	0.06	0.67	0.009	
	Rest of the World	0.49	0.22	1.08	0.08	
Any suspected	No	Ref				411
or confirmed	Yes	1.88	0.77	4.58	0.16	
COVID patients						
Inpatient	No	Ref				414
palliative care	Yes	0.38	0.21	0.69	0.001	
unit						
Hospital	No	Ref				414
palliative care	Yes	1.20	0.68	2.11	0.52	
team						
Home palliative	No	Ref				414
care team	Yes	0.88	0.50	1.55	0.66	
Home nursing	No	Ref				414
-	Yes	0.77	0.39	1.51	0.44	
Jota: Raf = rafarance		0.77	0.59	1.51	0.77	

Note: Ref = reference category

Table S 7 Univariable analysis of potential predictors of staff shortages

		Odds	95% CI		p-value	Number of
		Ratio				responses in
						model
Unit	Public	Ref				410
management	Charitable	1.33	0.88	2.01	0.19	
type	Other	0.96	0.47	1.97	0.91	
Type of patients	Adults only	Ref				408
	Mixed	0.46	0.23	0.92	0.03	
	Children only	0.24	0.08	0.70	0.009	
Busyness	Same	Ref				414
	A lot more busy	3.18	1.76	5.74	<0.001	
	Slightly more busy	1.60	0.86	2.96	0.14	
	Slightly less busy	1.52	0.79	2.91	0.21	
	Much less busy	0.92	0.41	2.06	0.85	
Country	UK	Ref				414
	Rest of Europe	0.63	0.37	1.07	0.09	
	Rest of the World	0.44	0.26	0.76	0.003	
Any suspected	No	Ref				411
or confirmed	Yes	2.54	1.41	4.54	0.02	
COVID patients						
Inpatient	No	Ref				414
palliative care	Yes	1.34	0.90	2.00	0.15	
unit						
Hospital	No	Ref				414
palliative care	Yes	0.96	0.65	1.42	0.84	
team						
Home palliative	No	Ref				414
care team	Yes	1.08	0.73	1.61	0.69	
Home nursing	No	Ref				414
	Yes	1.30	0.83	2.03	0.24	

Note: Ref = Reference category

# Appendix II

CovPall Questionnaire ©

# COVPALL COLLABORATION SURVEY

Improving palliative care for people with COVID-19 by sharing learning

Thank you for agreeing to complete this survey. We are trying to find out about how palliative care and hospice services are changing as a result of the COVID-19 pandemic. This is important as the disease is new and hospices/palliative care services are changing how they work and there is an opportunity to learn from each other.

We realise you are very busy right now, and so we have tried to balance collecting the information that patients, policy makers and services think is most helpful, with keeping the questionnaire as short as we can.

The questionnaire has 7 sections, and should take no longer than 30 minutes to complete, although it may depend on how much additional/open comments you wish to share. We will consider everything that you say. Your reply will help us. Although the grouped results will be shared, we will not name your unit unless you ask us to.

You can pause the questionnaire by clicking the "Save & Return Later" button at the bottom of each page. You will be given a code to enable you to continue later. (There should be a "returning" option at the top right of this page.) If you wish to correct errors after you have clicked "Submit" please email palliativecare@kcl.ac.uk with CovPall in the subject line.

If you would like help in completing the survey, or would prefer someone to read the questions to you while you give the answers over the telephone / zoom call, please send your contact details to palliativecare@kcl.ac.uk with CovPall in the subject line.

If you have any concerns about this questionnaire or this study please email ea\_irenehigginson@kcl.ac.uk. CovPall is led by Professor Irene Higginson of the Cicely Saunders Institute, with a multiprofessional team of partners from different organisations and backgrounds. Patient representatives have contributed to this questionnaire and our plans. For more information see https://www.kcl.ac.uk/cicelysaunders (specific page later).

This study has been granted ethical approval by the PNM Research Ethics Subcommittee of King's College London, code LRS-19/20-18541.

Please tick all responses that apply.

#### 1. ABOUT YOU AND YOUR SERVICE

1.1 Contact email of the person completing the survey	(We need this information so we can help you get back into the survey, or help you to complete it, if you have difficulty)
1.2 Name of the person completing the survey	
1.3 Date	(DD-MM-YYYY)



1.4 Country	<ul> <li>○ England</li> <li>○ Scotland</li> <li>○ Wales</li> <li>○ N Ireland</li> <li>○ Australia</li> <li>○ Belgium</li> <li>○ Canada</li> <li>○ Germany</li> <li>○ Ireland</li> <li>○ Italy</li> <li>○ Poland</li> <li>○ New Zealand</li> <li>○ Other (a box will open)</li> <li>(A regions option may appear)</li> </ul>
1.4a Country (please specify)	
1.4b English Regions	<ul> <li>○ North East</li> <li>○ North West</li> <li>○ Yorkshire and The Humber</li> <li>○ East Midlands</li> <li>○ West Midlands</li> <li>○ East</li> <li>○ London</li> <li>○ South East</li> <li>○ South West</li> </ul>
1.4c Welsh region	<ul><li>○ N Wales</li><li>○ W Wales</li><li>○ SE Wales</li></ul>
1.4d Scottish region	<ul> <li>Fife, Lothian, Borders, Dumfries &amp; Galloway</li> <li>Greater Glasgow &amp; Clyde, Ayrshire &amp; Arran, Lanarkshire, Forth Valley</li> <li>Tayside, Grampian, Western Isles, Highland, Orkne and Shetland</li> </ul>
1.4e Region	
1.5 Your role	<ul><li>Medical director / lead medical clinician</li><li>Nurse director / lead nurse clinician</li><li>Other (a box will open below)</li></ul>
1.5a Please specify your role	
2. ABOUT THE SERVICES YOU USUALLY OFFERED Please tick all answers that apply unless indicted	
2.1 Types of patients cared for	☐ Adults ☐ Children
<ul><li>2.2 In what settings did you provide palliative care services</li><li>(additional questions will open for each choice)</li></ul>	☐ In-patient hospice / palliative care unit ☐ Hospital palliative care advisory team ☐ Specialist palliative home care service (supporting / consulting about care for patients at home and/or in the community) ☐ Providing hands on nursing care at home / in the community (e.g. hospice@home, pall@home) (Tick all that apply)

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Questions for in-patient hospice / palliative care un	it
2.2a □Number of beds	(Must be a number)
2.2b Approximate number of new patients seen annually	(Must be a number)
2.2c Normal hours of admitting patients	(E.g. 9:30-17:00)
Questions for hospital palliative care advisory team	Y
2.2d Approximate number of new patients seen annually	(Must be a number)
2.2e Did you support	<ul><li>☐ Acute hospitals</li><li>☐ Community hospitals</li></ul>
2.2f Normal hours of accepting new referrals	(E.g. 9:30-17:00)
2.2g Did you offer 24/7 support for your patients	☐ Yes
Questions for specialist palliative home care service	e
Questions for specialist palliative home care service  2.2h Approximate number of new patients seen annually	(Must be a number)
2.2h Approximate number of new patients seen annually	(Must be a number)
<ul><li>2.2h Approximate number of new patients seen annually</li><li>2.2i Did you support patients in care homes</li></ul>	(Must be a number)  Or Yes Ono
<ul><li>2.2h Approximate number of new patients seen annually</li><li>2.2i Did you support patients in care homes</li><li>2.2j Normal hours of accepting new referrals</li></ul>	(Must be a number)
<ul> <li>2.2h Approximate number of new patients seen annually</li> <li>2.2i Did you support patients in care homes</li> <li>2.2j Normal hours of accepting new referrals</li> <li>2.2k Did you offer 24/7 support for your patients</li> </ul>	(Must be a number)
<ul> <li>2.2h Approximate number of new patients seen annually</li> <li>2.2i Did you support patients in care homes</li> <li>2.2j Normal hours of accepting new referrals</li> <li>2.2k Did you offer 24/7 support for your patients</li> </ul> Questions for providing hands on nursing care at head	(Must be a number)  ○ Yes ○ No  (E.g. 9:30-17:00)  □ Yes  ome / in the community



Additional information about services offered bef	ore the COVID-19 pandemic
2.3 Normal hours of accepting new referrals	
2.4 Did you offer bereavement services	○ Yes ○ No
(if yes - additional questions will open)	
2.4a Bereavement services / support usually provided and to whom	·
2.4b Did you offer bereavement services only to families / friends of patients who had been cared for by your service	○ Yes ○ No
2.4c Whom did you offer support to	
2.4d Did you use a risk assessment tool to help you decide how to target bereavement services	○ Yes ○ No
2.5 Other services provided, e.g. Day care, rehabilitation, lymphoedema, outpatient clinics - please detail	
2.6 If you had volunteer roles available within your service, what were they	<ul> <li>Direct patient / family facing support (e.g. befriending, home visits, in-patient unit care,</li> </ul>
Tick all that apply	family support groups / visiting etc.)  Indirect patient / family facing support (e.g. reception functions, refreshments, driving / transport etc.)  Back office functions (e.g. finance support, maintenance, gardening etc.)  Fundraising functions (e.g. shop volunteers, lottery etc.)  Others (a box will open below)
2.6a Please specify the other volunteer roles	
2.7 Did you use remote consultations to help support patients in your care or for education before the COVID-19 Pandemic	<ul> <li>☐ Telephone support for education</li> <li>☐ Telephone support for clinical care</li> <li>☐ Telehealth / video support / e-learning for education</li> </ul>
Tick all that apply (an example box will appear)	☐ Telehealth / video support / e-learning for clinical care
2.7a Please give a brief example of the use of remote consultations	
2.8 Is your service managed as a unit that is	<ul><li>Charitable / non-profit</li><li>Public</li><li>Private</li><li>Other (a box will open below)</li></ul>
2.8a Please explain your unit type	
2.8b what percentage of your funding was usually from the NHS	(Must be a number (0-100))



2.9 How well would you say your service was integrated with other NHS primary or secondary care services in your area (e.g. with hospitals, primary care etc.)			
Please rank the level of integration: from 0 (no integration at all, no connections) to 10 (very well integrated / close working and planning)			
	0	5	10
		(Place a mark on the s	scale above)
2.10 Any comments on integration		· · · · · · · · · · · · · · · · · · ·	
2.11 Is there anything else you want to tell us about how your service operates that you think is important for us to know			
3. EXPERIENCE WITH SUSPECTED OR CONFIRMED Please tick all that apply	CASES OF COVID	D-19.	
Please tell us about people you have encountere	d with suspected	or confirmed COVI	D-19
3.1 Have you had any patients with confirmed (by test) cases of COVID-19	○ Yes ○ No		
(additional questions will open if you tick yes)			
3.1a Approximately how many (confirmed cases)	(By the date of	completing this survey)	
3.1b Which services were they in		spice / palliative care u	nit
Tick all that apply	☐ Acute hospita ☐ Care home	will open below)	
3.1c Please specify the other services			
3.2 Have you had any patients with suspected (untested but with clinical diagnosis/symptoms) of COVID-19	○ Yes ○ No		
(additional questions will open if you tick yes)			
3.2a Approximately how many (suspected cases) (by the date of completing this survey)	(Must be a num	ber)	
3.2b Which services were they in	<ul><li>☐ Home palliati</li><li>☐ Acute hospita</li><li>☐ Care home</li></ul>	al will open below)	nit
3.2c Please specify the other services			



3.2d Of the patients you have seen with suspected or confirmed COVID-19 would you say that they were	<ul> <li>□ Patients who are severely ill or dying due mainly to COVID-19</li> <li>□ Patients with pre-existing illnesses / co-morbidities as well as COVID-19 who are severely ill or dying</li> <li>□ Patients known to your service already who now have COVID-19</li> <li>□ (Tick all that apply)</li> </ul>
3.3 Have you had any family members / close friends of your patients who had suspected or confirmed COVID-19	○ Yes ○ No
3.4 Have you had staff with suspected or confirmed COVID-19	○ Yes ○ No
(if yes - additional questions will open)	
3.4a Were the staff	<ul> <li>Nurses</li> <li>Physicians</li> <li>Allied health professionals, managed</li> <li>Reception / administrative staff</li> <li>Managers</li> <li>Others (a box will open below)</li> <li>(Tick all that apply)</li> </ul>
3.4b Please specify the other staff	
3.4c What impact has this had on your service	
3.5 Have you had volunteers with suspected or confirmed COVID-19	○ Yes ○ No
(if yes - an additional question will open)	
3.5a What impact has this had on your service	
4. HOW HAVE YOUR SERVICES CHANGED IN RESPON	ISE TO COVID-19
4.1 Have your services changed	○ Yes ○ No
4.2 Would you say overall you are more busy or less busy that before the COVID-19 Pandemic	<ul> <li>○ A lot more busy</li> <li>○ Slightly more busy</li> <li>○ About the same</li> <li>○ Slightly less busy</li> <li>○ Much less busy</li> <li>(Tick the answer that best applies)</li> </ul>
4.3 Why is this	
4.4 Have you lost staff from your service who have been moved to help the NHS elsewhere	○ Yes ○ No
(if yes - a box for details will open)	
4.4a Please give details (lost staff)	



4.5 Have you had staff offered to help your service from health services elsewhere	○ Yes ○ No
(if yes - a box for details will open)	
4.5a Please give details (offered staff)	
4.6 Have you changed how your staff work	○ Yes ○ No
(if yes - a box for details will open)	
4.6a Please give details (how work)	
4.7 Have you changed where your staff work (e.g. home working)	○ Yes ○ No
(if yes - a box for details will open)	
4.7a Please give details (where work)	
4.8 Have you changed how your volunteers engage and where	○ Yes ○ No
(if yes - a box for details will open)	
4.8a Please give details (changed volunteers)	
Use of virtual technologies	
4.9 Would you say that you are using virtual technologies (e.g. zoom / teams etc.) with patients and families	<ul> <li>○ A lot more</li> <li>○ Slightly more</li> <li>○ About the same</li> <li>○ Slightly less</li> <li>○ Much less</li> <li>(Tick the answer that best applies)</li> </ul>
4.10 Would you say that you are using virtual technologies (e.g. zoom / teams etc.) with colleagues	<ul> <li>○ A lot more</li> <li>○ Slightly more</li> <li>○ About the same</li> <li>○ Slightly less</li> <li>○ Much less</li> <li>(Tick the answer that best applies)</li> </ul>
4.11 What have been the difficulties of using virtual technologies	
4.12 What has worked well when using virtual technologies	
Advance care planning	
4.13 Would you say you are now involved directly with patients / families in advance care planning	<ul> <li>○ A lot more</li> <li>○ Slightly more</li> <li>○ About the same</li> <li>○ Slightly less</li> <li>○ Much less</li> <li>(Tick the answer that best applies)</li> </ul>

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4.14 Would you say you are now involved advising / supporting others and / or educating about advance care planning	<ul> <li>○ A lot more</li> <li>○ Slightly more</li> <li>○ About the same</li> <li>○ Slightly less</li> <li>○ Much less</li> <li>(Tick the answer that best applies)</li> </ul>
4.15 In what ways (if any) have you changed how you are supporting advance care planning	
4.16 What would you say are the main challenges for advance care planning during the COVID-19 pandemic	
Bereavement support	
4.17 Would you say that you provide more or less bereavement support than before	<ul> <li>○ A lot more</li> <li>○ Slightly more</li> <li>○ About the same</li> <li>○ Slightly less</li> <li>○ Much less</li> <li>(Tick the answer that best applies)</li> </ul>
4.18 What would you say are the main challenges for bereavement support during the COVID-19 pandemic	
Other support	
4.19 How are you supporting patients with COVID-19 who are from more disadvantaged sociodemographic communities (e.g. areas with greater poverty, poor housing, homelessness)	
4.20 Have you encountered patients or families with COVID-19 who are from black and minority ethnic groups	○ Yes ○ No
(if yes - a box for details of differences will open)	
4.20a Are there any differences in how you are supporting or reaching them	
4.21 Are there any groups (e.g. with different religions, cultures) where you have found supporting the individual needs of people affected by COVID-19 is particularly challenging	



Effects on patients who do not have COVID-19	
4.22 How has COVID-19 changed how you are supporting the types of patients (e.g. with symptoms and progressive illness) that you would usually support	
4.23 How has COVID-19 changed how you are supporting the families / those important to patients that you would usually support	
5. CHANGES IN SPECIFIC SERVICES, E.G. IN-PATI	ENT, HOSPICE, VOLUNTEERS
The next questions ask about some specific changes that mapply to your services	ight have occurred, please answer only the sections that
5.1 Have there been changes in these areas	☐ In-patient beds in your own service
(additional questions will open for each choice)	<ul> <li>☐ How you provide support for patients in acute hospitals</li> <li>☐ How you provide support for patients in their own homes</li> <li>☐ How you provide support for patients in care homes (including nursing homes)</li> <li>(Tick all that apply)</li> </ul>
Changes in in-patient beds in your service  5.1a What changes were there in how you used your beds (if any)	
5.1b Number of beds	<ul><li>Increased</li><li>Stayed about the same</li><li>Decreased</li></ul>
5.1c Any changes to admission criteria (if so what was the change)	
5.1d Any changes to out of hours admissions (e.g. evenings / weekends - if so what was the change)	
Changes in how you provide support for patients	s in acute hospitals
5.1e Numbers of patients needing support	<ul><li>Increased</li><li>Stayed about the same</li><li>Decreased</li></ul>
5.1f Would you say your face to face contact with patients / their family members is in general	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>



5.1g Would you say your face to face contact with staff is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>
5.1h Would you say your telephone / remote connection advice / support is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>
5.1i Have you changed how your team is organized (e.g. supporting patients with and without COVID-19)	
5.1j Have you changed your working hours (and in what way)	
5.1k Have you changed your working practices (and in what way)	
Changes in how you provide support for patients in	their own homes
changes in non-you provide support to: panelies in	
5.1l Numbers of patients needing support	<ul><li>Increased</li><li>Stayed about the same</li><li>Decreased</li></ul>
5.1m Would you say your face to face contact with patients / their family members is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>
5.1n Would you say your face to face contact with staff is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>
5.1o Would you say your telephone / remote connection advice / support is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>
5.1p Have you changed how your team is organized (e.g. supporting patients with and without COVID-19)	
5.1q Have you changed your working hours (and in what way)	
5.1r Have you changed your working practices (and in what way)	
5.1s Have you changed how medicines are given in the community (e.g. who sets up syringe drivers / families administering medicines)	○ Yes ○ No
(if yes - a box for details will open)	
5.1t Please give details (changed how medicines are given in the community)	

Changes in how you provide support for patients in care homes (including nursing homes)							
5.1u Numbers of patients needing support	<ul><li>○ Increased</li><li>○ Stayed about the same</li><li>○ Decreased</li></ul>						
5.1v Would you say your face to face contact with patients / their family members is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>						
5.1w Would you say your face to face contact with staff is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>						
5.1x Would you say your telephone / remote connection advice / support is	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>						
5.1y Have you changed how your team is organized (e.g. supporting patients with and without COVID-19)							
5.1z Have you changed your working hours (and in what way)							
5.1α Have you changed your working practices (and in what way)							
Changes to how you are supporting families / those	important to patients						
5.2 How would you say you are supporting families / those important to patients compared to before	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>						
5.3 Have you changed how you contact and work with families / those important to patients	<ul><li>○ Yes ○ No</li><li>(If yes, a box for details will open)</li></ul>						
5.3a Please give details (changed how contact and work with families)							
Changes to how you are deploying volunteers							
5.4 How would you say you are deploying volunteers compared to before	<ul><li>○ A lot more</li><li>○ Slightly more</li><li>○ About the same</li><li>○ Slightly less</li><li>○ Much less</li></ul>						

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5.5 Have you changed now you deploy volunteers	O res O NO
(if yes - a box for details will open)	
5.5a Please give details (changed how contact and work with families)	
6. CHALLENGES AND INNOVATIONS IN RESPONSE	TO COVID-19
We want to know more about the challenges you have faced responded to them and what you found to be your successful	
Please tick the challenges that you have faced in your service	ce during COVID-19 Pandemic during the past 1 month
6.1 Have you had problems accessing personal protective equipment	○ Yes ○ No
(if yes - additional questions will open)	
6.1a Please specify what you had a shortage of	
6.1b What did you do about this	
6.1c Has this been a problem in the last 7 days	<ul><li>Yes</li><li>Sometimes</li><li>No</li></ul>
6.2 Have you had a shortage of key medicines	○ Yes ○ No
(if yes - additional questions will open)	
6.2a Please specify what you had a shortage of	
6.2b What did you do about this	
6.2c Has this been a problem in the last 7 days	<ul><li>Yes</li><li>Sometimes</li><li>No</li></ul>
6.3 Have you had a shortage of other equipment (e.g. syringe drivers)	
(if yes - additional questions will open)	
6.3a Please specify what you had a shortage of	
6.3b What did you do about this	



6.3c Has this been a problem in the last 7 days	<ul><li>Yes</li><li>Sometimes</li><li>No</li></ul>
6.4 Have you had a shortage of staff	○ Yes ○ No
(if yes - additional questions will open)	
6.4a Please specify what you had a shortage of	
6.4b What did you do about this	
6.4c Has this been a problem in the last 7 days	<ul><li>Yes</li><li>Sometimes</li><li>No</li></ul>
6.5 Have there been other effects on yourself and/or on staff that you think we should know about	
6.6 Please tell us about any other challenges and whether or how you overcame them	
6.7 What do you foresee will be the biggest challenges for COVID-19 in your service over the next 1-2 months	
6.8 What would help you most to overcome these	
Now please tell us about your innovations. We are	keen to learn what has worked best for you
6.9 Please tell us about the change in practice or innovation that you think has been most successful to your working	
6.10 Why is this	
6.11 What would you say were the most important things that made this possible	
6.12 Please list any other important changes / innovations you have made	



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We are interested to learn more about ho	w you are managing	symptoms and	psychological /	emotional	problems in
our patients and the trajectories of care					-

How long are patients with COVID-19 under your pa	lliative care service
7.1 What was the shortest time in hours	(Give number of hours)
7.2 What was the longest time in days	(Give number of days)
How are you managing symptoms	
7.3 Please indicate which of these settings your management refers to (choose only one about which you have most experience)	<ul> <li>○ Inpatient hospital ward</li> <li>○ Inpatient hospital intensive care</li> <li>○ Community hospital</li> <li>○ Inpatient hospice / palliative care ward</li> <li>○ Community</li> </ul>
The next questions ask about the treatments you are	re using
7.4 Do you have protocols for symptom management for COVID-19 patients	<ul><li>Yes</li><li>No</li><li>Unsure</li><li>(Yes will ask for details)</li></ul>
7.4a What sources of information did you use	<ul><li> Locally developed guidance</li><li> NICE</li><li> NHS</li><li> Other (a box will open below)</li></ul>
7.4b Please specify the other protocols	
You can also email us your usual recommendations of any guida , marking the email CovPall in the subject line. We are still intere- working	
Breathlessness	
7.5 Which medicines and therapies do you usually prescribe	
7.6 How effective do you find these e.g. time to give relief and how well it works	



Agitation	
7.7 Which medicines and therapies do you usually prescribe	
7.8 How effective do you find these e.g. time to give relief and how well it works	
Fever / Shivering	
7.9 Which medicines and therapies do you usually prescribe	
7.10 How effective do you find these e.g. time to give relief and how well it works	
Cough	
7.11 Which medicines and therapies do you usually prescribe	
7.12 How effective do you find these e.g. time to give relief and how well it works	
Pain	
7.13 Which medicines and therapies do you usually prescribe	
7.14 How effective do you find these e.g. time to give relief and how well it works	
Other symptoms	
7.15 Please provide details of the treatments you are using for any other symptoms you are seeing commonly in COVID-19, especially if this differs from usual palliative care practice	



Additional comments
7.16 Please provide any additional comments you would like us to be aware of
7.17 Please tell us if you would like us to help you by providing anything else, or any key questions that you think are important to answer
Finally
7.18 Please indicate if you would like / are willing to be contacted regarding any of the following (Tick all that apply)
<ul> <li>□ To receive copy of the early reports and our newsletters as the findings emerge</li> <li>□ For us to check any information with you</li> <li>□ To be acknowledged as responding to this questionnaire (listed along with other services) in the reports and any publications</li> <li>□ To participate in a subsequent survey similar to this one in 6-8 weeks time when you may have made more changes or had more experiences</li> <li>□ To collect pseudoanonymized data about a small series (around 10) of patients with COVID-19 in your service. This would involve collecting information on symptom severity, on first assessment in palliative care, in around 2 subsequent time points and at discharge or death, to understand more about the symptoms patients experience and their the effective treatments. This would not be a clinical trial, simply recording your practice and views</li> </ul>
7.19 If you wish us to use a different Name or Email for the above (instead of the ones already given) please specify here
7.20 How you would like your service acknowledged in any reports, if applicable
You will be free to opt out of receiving the updates at any time, your details will not be passed onto other organisations or used for anything other than with your explicit consent above. Your individual responses will remain confidential, they will be analysed pseudonymously by the research team, with your service identified only by a code number unless you explicitly ask us to do otherwise.

Thank you for your help at this difficult time



## **Appendix III: Acknowledgement of services**

We would like to thank all the palliative care services and leads across the world for responding to the CovPall online survey.

The following persons and services indicated they were happy to be acknowledged for responding to the CovPall online survey:

Alexander Devine Children's Hospice Service

Alison Wardrop District Nursing Sister, Hywel Dda University Health Board

Ashgate Hospicecare

Bangalore Baptist Hospital Palliative Care Service

**BCUHB West HSPCT** 

Beatson West of Scotland Cancer Centre HSPCT

Beaumond House Community Hospice

Betsi Cadwaladr University Health Board SPCT

Birmingham St Mary's Hospice

Bluebell Wood Children's Hospice

Bolton NHS Foundation Trust Specialist Palliative Care Team

Bury Community Specialist Palliative Care Team

Cambridge University Hospital NHS Foundation Trust Palliative Care Service

Carmarthenshire Specialist Palliative Care Service, Hywel Dda University Health Board

Center for Palliative Care, University Hospital Cologne, Germany

Cesta domů, home hospice

Chelsea and Westminster Hospital

**CHFT Hospital SPCT** 

Children's hospices across Scotland (CHAS)

City Hospice Cardiff

Claire House Children's Hospice

Clinique de Médecine Palliative, CHU de Lille, France

**CNWL UCLH** 

Community based clinical nurse specialists

Community Specialist Palliative Care Team, St Ann's Hospice, Salford

Consultant Dr Paul Coulter, CNS Elizabeth Anderson and CNS Kellyann O'Neill, Palliative Care Team,

Inverclyde Royal Hospital

Cornwall Hospice Care

Croydon Health Services Macmillan Specialist Palliative Care Team

Cwm Taf Morgannwg SPCT North Department of Palliative Care, Homerton University Hospital NHS Foundation Trust Department of Palliative care, Sheffield Teaching Hospitals NHS Foundation Trust Department of Palliative Medicine, LMU Munich, Germany Department of Palliative Medicine, Southern Sector, South East Sydney Local Health District, New South Wales, Australia Deutsche PalliativStiftung Dorothy House Hospice Dove House Hospice, Hull Dr Charles Daniels, Medical Director, St Luke's Hospice Harrow and Consultant in Palliative Medicine, LNWHUT. Dr Jonathan Downie, Consultant in Paediatric Palliative Medicine, Supportive and Palliative Care Team, Royal Hospital for Children, Glasgow East Anglia's Children's Hospices (EACH) East Cheshire Hospice East Sussex Healthcare NHS Trust Supportive and Palliative Care Team Eastern Health Ed Dubland MD CCFP pc Ellenor Adult Services Ellenor Children's Services Ellenor Hospice, Coldharbour Road, Gravesend, Kent Ellenor Inpatient Ward Ellenor Wellbeing Service Elvis J Miti for Community Palliative Care, UZIMA Project Ndanda, Mtwara, Tanzania. ESNEFT specialist palliative care team Family Support Team, Children's Hospices Across Scotland Farleigh Hospice Felicia Kontopidis, Journey Home Hospice Fondazione Antea, Rome, Italy Fondazione FARO, Turin, ITALY Forest Holme Hospice, Poole Hospital NHS Foundation Trust Forget Me Not Children's Hospice

Garden House Hospice Care GHNHSFT Specialist Palliative Care Community team Glasgow Royal Infirmary Hospital Specialist Palliative Care Team Greenwich & Bexley Community Hospice **GSTT Community Palliative Care Team** Hambleton & Richmondshire SPCT Hampshire Hospitals NHS Foundation Trust Harrogate and District NHS Foundation Trust Palliative Care Team Heart of Kent Hospice Helen & Douglas House Hospice De Wingerd (Charim Care Group) Hospice Isle of Man Hospice of St. Francis Berkhamsted, Herts Hospice of The Good Shepherd, Chester Hospice Waikato Hospiscare Devon Hospital Divina Providencia, El Salvador Hospital Palliative Care Team, Kingston Hospital NHS Foundation Trust Hospital Palliative Care Team, University Hospitals of North Midlands Hospital Palliative Care team, University Hospital Southampton Hospital Selayang Palliative Care Unit Hospital Specialist Palliative care team Hospital Specialist Palliative Care Team, University Hospitals of Leicester NHS Trust Hull University Teaching Hospitals NHS Trust Instituto de Investigaciones Médicas Alfredo Lanari, Universidad de Buenos Aires Isabel Hospice J Yeomans, St Richards Hospice (Worcester) James Cook University Hospital Acute SPCT Thitima Phosri John Taylor Hospice Helen Hubert, Palliative care and End of Life Care Pharmacist, St Richard's Palliative Care Team Katharine House Hospice Banbury

Kauniala Hospital Kenelm F McCormick M.D., Akron, Ohio Kilbryde Hospice, South Lanarkshire Kim Jones, Deputy Head of Clinical Services at Hospice of the Valleys King's College Hospital NHS Foundation Trust Klinik Susenberg, Zürich Knysna Sedgefield Hospice Lanarkshire SPC service Laois Offaly Palliative Care Service Cloneygowan Co Offaly Leeds Teaching Hospitals NHS Trust Palliative Care Team Limewood Dementia Service, Stafford London Northwest Healthcare University Trust LOROS Hospice, Leicester Lynn Bushor, Department of Veteran's Affairs Macmillan Unit / Royal Bournemouth & Christchurch Manchester Foundation Trust - MRI Manchester Foundation Trust WTWA Maricruz Macias Montero, Hospital General de Segovia, Seccion de Geriatria. Marie Curie Community Nursing Service London Marie Curie Hospice, Cardiff and the Vale Marie Curie Hospice West Midlands Marie Curie Hospice, Hampstead Marie Curie Services in Lothian Martlets Hospice Martlets Hospice, Brighton Maura Farrell Miller, Director, Hospice and Palliative Care Program, Department of Veterans Affairs Medical Center, Florida Mellannorrlands Hospice Sundsvall Sweden Michael Sobell Hospice and Harlington Hospice Mid Cheshire Hospital NHS Trust Specialist Palliative Care Team Midhurst Macmillan Service (Sussex Community NHS Foundation Trust) Municipal Hospital Dr Cornel Igna, Palliative Care Department from Campia Turzii

Myton Hospice Newham University Hospital Specialist Palliative Care Team - Barts Health NHS Trust NHS Ayrshire & Arran Supportive Care Team NHS Fife Specialist Palliative Care Service NHS Grampian Specialist Palliative Care Team NHS Specialist Palliative Care Unit Nightingale House Hospice, North Wales Ninewells Hospital Palliative Care Team North London Hospice Northern Ireland Hospice Adult Service Northumbria Healthcare NHS Foundation Trust Nottingham University Hospitals NHS Trust Ofra Fried, Palliative Care Specialist, Townsville University Hospital, Queensland Overgate Hospice Palliativa Care Unit. west health Area. Valladolid. Castilla y León .Spain Palliative and End of Life care Team, Newcastle upon Tyne Hospitals NHS Foundation Trust Palliative Care Department, Bangalore Baptist Hospital Palliative Care Service, Chaim Sheba Medical Center, Ramat-Gan, Israel Palliative Care Service, Gloucestershire Hospitals NHS Foundation Trust Palliative Care Team-Bassett Medical Center, Cooperstown NY Palliative Care Team, Centre for Pain Management and Palliative Care, Haukeland University Hospital, Bergen, Norway Palliative Care Unit, Bolzano, Italy Palliative Care Unit, Bassini Hospital, Cinisello Balsamo, Milan, Italy Palliative Care, Kantonsspital Olten, Switzerland Palliative Medicine, UHDB NHS Trust Palliaviva Peace Hospice Care Pembrokeshire Specialist Palliative Care service, Hywel Dda University Health Board Phyllis Tuckwell Hospice Care Pilgrims Hospices in East Kent Pippa Hawley, Medical Director, Pain and Symptom Management Palliative Care, BC Cancer.

Portsmouth Hospital NHS Trust Palliative Care Service Princess Alice Hospice Prof Olaitan A Soyannwo Queen Elizabeth University Hospital Glasgow Specialist Palliative Care Team, and Prince and Princess of Wales Hospice Glasgow Queenscourt Supportive & Specialist Palliative Care Service Rotherham NHS Foundation Trust Palliative Care Team Rowans Hospice Rowcroft Hospice Royal Berkshire Foundation Trust Hospital Palliative Care Team Royal Trinity Hospice Sabar Health Home Hospital Saint Francis Hospice Salford Royal Hospital Specialist Palliative Care Team Salisbury Specialist Palliative Care service SAPV des OSP Karlsruhe SCCU SEVILLA SUR, SAS. SPAIN. Sengkang General Hospital, Singapore Shooting Star Children's Hospice Sobell House, Oxford University Hospitals South East Palliative Care Services South East Palliative Care, University Hospital Waterford, Ireland South Tees Community Specialist Palliative Care MRC South Tipperary Hospice Homecare Team South Tyneside District Hospital Specialist Palliative Care Team, South Tyneside and Sunderland NHS **Foundation Trust** Specialist Palliative Care Hospital Team. East Kent University Foundation Trust Specialist Palliative Care Service South Eastern Health and Social Care Trust Specialist Palliative Care Team Imperial College Healthcare NHS Trust Specialist Palliative Care Team, Coventry and Warwickshire Partnership NHS Trust Specialist Palliative Care Team, West Middlesex University Hospital, Chelsea and Westminster NHSFT Specialist Palliative Care Service, County Durham and Darlington NHS Foundation Trust

St Ann's Hospice
St Barnabas Hospice, Lincolnshire
St Barnabas House, Worthing
St Bartholomew's Hospital, Barts Health
St Catherine's Hospice, Preston
St Christopher's
St Clare Hospice, Essex
St Columba's Hospice, Edinburgh
St Gemma's Hospice - Leeds, West Yorkshire.
St Helena
St John of God Murdoch Hospital
St John's Hospice, Doncaster, RDASH
St Johns Hospice, Lancaster
St Leonard's Hospice, York
St Luke's Cheshire Hospice
St Luke's Combined Hospices, Cape Town, South Africa
St Luke's Hospice, Sheffield.
St Luke's Hospice, Kenton, Harrow covering London boroughs of Brent and Harrow. Ursula Reeve, Director of
Patient Services. Cathy Hanrott, Hospice Service Navigator
St Margaret's Hospice, Somerset.
St Martha's Hospital Palliative Care Team
St Mary's Hospice, Ulverston, Cumbria
St Michael's Hospice, Hastings and Rother
St Oswald's Hospice, Newcastle
St Peter's Hospice
St Peter's Hospice  St Richards Hospice
St Richards Hospice
St Richards Hospice St Wilfrid's Hospice, Chichester
St Richards Hospice St Wilfrid's Hospice, Chichester St Wilfrid's Hospice, Eastbourne.
St Richards Hospice St Wilfrid's Hospice, Chichester St Wilfrid's Hospice, Eastbourne. St. Luke's Hospice Community Services South West Essex
St Richards Hospice  St Wilfrid's Hospice, Chichester  St Wilfrid's Hospice, Eastbourne.  St. Luke's Hospice Community Services South West Essex  Stockport Specialist Palliative Care Service

Sue Ryder Manorlands Hospice Susanna Sandöy, Capio Asih Nacka, Swansea Bay University Health Board Specialist Palliative Care Service (which includes Ty Olwen Hospice) Symptom Control and Palliative Care Team, Royal Marsden NHS Foundation Trust Tatiana Chavouzi Tayside Palliative Care Service The Arthur Rank Hospice, Cambridge The Camden, Islington ELiPSe Palliative Care Team The Hillingdon Hospital Palliative Care team The Prince of Wales Hospice, Pontefract The Wisdom Hospice and Medway Community Healthcare TOPAT Zuyderland MC Trinity Hospice & Brian House Children's Hospice Trinity Hospice, Blackpool and Blackpool Teaching Hospitals Tynedale Hospice at Home Unità di Cure Palliative - Hospice Casale Monferrato ASL AL Piemonte University Hospital Lewisham Macmillan Specialist Palliative Care Team, Lewisham and Greenwich NHS Trust University Teaching Hospital Lusaka Adult Medicine Palliative Care Unit Waterford Hospice Homecare Team Weldmar Hospicecare West Suffolk Hospital NHS Foundation Trust Western Australia Paediatric & Adolescent Palliative Oncology, Perth Children's Hospital Weston Hospicecare Whittington Health Palliative Care Service Wigan & Leigh Hospice Wrighinton, Wigan and Leigh NHS Teaching Trust (Supportive and Palliative Care Team) York Teaching Hospital Foundation Trust York Teaching Hospitals Zuercher Lighthouse Zuzana Kremenova